NO ACM

#### **FIELD DATA SHEET 1**

Occupant:  Address:  Phone No.:  Owner Name Address and Phone No. if Different Than Occupant:	
Phone No.:	
Phone No.:	
Owner Name Address and Phone No. if Different Than Occupant:	
some	
Site Description:	
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other	
2) Problems accessing yards (circle): locked gate; gate; dogs; other	
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other	
4) Is any underground ACM present? (circle): yes; no; don't know  If yes, note on site sketch. How deep?	
Estimated Volume of ACM: 5,55 gd3  Comments: Pachack of yard found to ACM 12hills - No Jubble Acc - and the single from the si	— Н
Date/Time of Interview: // 4/96, /3/4 Access Granted (circle): yes; no	Ín
Team Members: (4) / MH	23



## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8 11118  SITE #: 9001		ADDRESS:	(b) (6) Bridge	City
ACM LOCATED BENEATH:	HOUSE SHED			
APPR. CRAWL SPACE HEIGHT:		=		
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB			
PERCENT OF AREA (ACM)		=		
SKETCH OR COMMENTS:				
No penu				
TEAM ME	MBERS: GD	<u>U</u> 5		

#### FIELD DATA SHEET 1

Site Information:		
Occupant:	Interviewee: Dennes	
Address: (b) (6)	, BRIDGE CITY LA	
Phone No.: (b) (6)		
Owner Name, Address, and Phone No. if I  (b) (6)  (b) (6)  (c) (sisters th)  Site Description:	Different Than Occupant:  St. Genevieve (ofter early 10) 6)  Stidell 1-800-641-6771	ster)
	gle home; duplex; business; school; daycare; church;	(b) (6)
Problems accessing yards (circle): loc resolution:	cked gate; gate; dogs; other	
Underground utilities installed by owne septic tank; other     Note location on site sketch.	er? (circle): no; water; gas; electric; cable TV;	
4) Is any underground ACM present? (circ If yes, note on site sketch. How deep?		
Site Sketch:  Acm  16'  Acm	(b) (6) (b) (6) (c)	(legal Advisor) Associate of Fether
Estimated Volume of ACM:		21.3
Comments: Need to call owner spoke us 2/4/97 - well can remove	with proton. (6) (6) is a priest, He li us during weeks of 2/10-2/14 to discuss I x arrive time to pick up access.	10 10
Date/Time of Interview:	Access Granted (circle): (yes) no	6
Team Members: 65/M#	04-0002-5	10
	04-0002 5	10

## CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:	(b) (6)		
Property's Address: (b) (6)		Bridge	City
State/Zip: LA	_Phone Number(s):_	(b) (6)	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally annot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

(b) (6)

SIGNATURE /

04-0002-520

04-0003-520

3/21/97 DATE

ADDRESS:

UPDATED: / CAR PORT [I]ſ (gravel) 61#5+ 61167 House ELECTRE TEE  $\bigcirc$ FIDWER BUSHES CHAS O DEAIN ASM may pan House 140 fences NOTES: **THICKNESS** COVER N (NTS) Soil/sobl spillshell's (ALL BACK 30461 -1/2+ 4" SACM RESTORATION: A: 4 Mestre 04-0003-530 C: 04-0002-530 ARRIVAL: 000005 6 1540 **DEPARTURE:** DATE: 7174187 VIA PHONE RESTORATION APPROVED BY: FAT WELL JM7/12 TEAM: DATE:

### WESTBANK ACTUAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:

SITE# 002 + 003

ADDRESS.

Bridge City, La

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON AC WHITHIGH WO IF 8-76-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#:

1 2

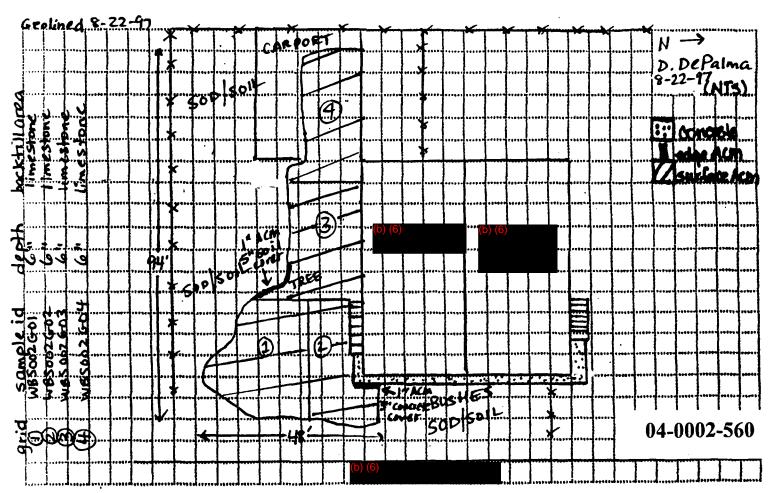
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A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:

\_\_\_



000006

AUTHORIZED EPA/START REPRESENTATIVE

Deina Beralma

#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION **USEPA START TEAM**

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Ι.	1	1	٠

SITE# 002 + 003 ADDRESS:

Bridge City, La

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON no analytical as of 8-28-97 analytical received 08.81.97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING **ACTION:** 

GRID#:

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:

see previous //

04-0003-560

geolined 8-28-97 D. Defalma 5001501 (NTS) 1. 1. 1. 1. 1. 1.

AUTHORIZED EPA/START REPRESENTATIVE Line 4. Rillere

## EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Maggle Lin

**Ecology & Environmental** 11550 New Castle Avenue Baton Rouge, LA 70816

Tuesday, August 26, 1997

Ref Number: IN97900

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method\*

Project: 020601 RAGI WESTBANK ASBESTOS

<b>*</b> * * * * * * * * * * * * * * * * * *	) AAAMA.	<b>APPEARANCE</b>	Sample Treatment	<u>ASBESTOS</u> % TYPE	%	<u>NONASBE</u> FIBROUS		NONFIBROUS
\$AMPLE	LOCATION (6)		,		!			
WB8002/003G0		Brown	Crushed	< 1% Chrysotile	!			Quertz
•		Non-Fibrous		< 1% Crockfolte	ŀ		20%	Other
		iomogeneous	İ					
WB3002/003G0		Brown	Crushed	< 1% Chrysotile			80%	Quartz
2		T * -	- C.	< 1% Crocidolita				Other
		Non-Fibrous		i i i i ciovioni				
		fornogeneous	i		i			
WB8002/003G0		grown	Crushed	1% Chrysottle			80%	Quertz
3		Non-Fibrous		1% Crocidolite			18%	Other
		-lam <del>ogene</del> ous						
WB8002/003G0			Crushed	2% Chrysotile	- <b>-</b>	•	80 <b>%</b>	Quartz
4		Brown	: Çruaneg	. < 1% Crockdolite	•			Other
		Non-Fibrous		: - IM PIOMONIA			10/1	
		Homogeneous	i	•	i			
			!	•		,		
WB8199G01		Brown	Crushed	< 1% Chrysotile	- T	•	80%	Quartz
= - · · · · · ·		Non-Fibrous		< 1% Crocidolite	1		20%	Other
		Homogeneous	•					
			1	The second secon	<del> </del> .	• •	<u>D</u> ON	 5 Quartz
WB8199G02		Brown	Crushed	< 1% Chrysotile				
		Non-Fibrous	i		j		<b>4</b> 07	6 Other
T		Homogeneous						

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

" NY asmples also analyzed by ELAP 198-1 Method

**Analyst** 

800000

Approved Signatory



Disclaimers: PLM has been known to mise asbestoe in a small percentage of samples which contain asbestoe. Thus negative PLM results cannot be guaranteed. Ploor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the flore may only be reproduced in full with written approved by SMSL. The above test must not be used by the client to claim product NVLAP nor any aparoty of the United States Government. All "NVLAP" reports with NVLAP large intuit contents at treat one eig Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered earspies Analysis performed by EMSL of Indianapolic (NVLAP Air and Bulk (200168-0)).

04-0002-570

## EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn.: Alma Rillera

Ecology & Environmental 11550 New Castle Avenue Baton Rouge, LA 70816 Tuesday, September 02, 1997

Ref Number: IN97961

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method\*

**Project: 020601 RAGI WESTBANK ASBESTOS** 

			SAMPLE	ASBE:	STOS		NONASB	<u>ESTOS</u>	
<b>SAMPLE</b>	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROU\$	%	NONFIBROUS
WBS002G05	(b) (6)	₿rown	Crushed	< 1% Chry	ysotile			80%	Quartz
:		ton-Fibrous	•	. < 1% Cros	cidolite			20%	Other
		Homogeneous				:			ĺ
WB\$002G06		Brown	: :Crushed	: 8% Chn	vsatile	,		70%	Quartz
VVD3QQ2G00		Non-Fibrous	Clushed	2% Cro	•				Other
		Homogeneous	† 1						[
		•		:					
WBS1200G01		Brown	Crushed	. < 1% Chr	ysotile			80%	Quartz
		Non-Fibrous						20%	Other
		Homogeneous				•			
WBS002G07		Brown	Crushed	. < 1% Chr	vsotile	·		80%	Quartz
		Non-Fibrous	3.332	< 1% Cro	=		r		Other
<u>;</u>		Homogeneous						1	1
<b>)</b> :			i .			•			ļ
WBS1154G01		Brown	Crushed	< 1% Chr					Quartz
		Non-Fibrous		< 1% Cro	cidolite			20%	Other
i	:	Homogeneous							
WBS1154G02		Brown	: Crushed	< 1% Chr	ventila	•		80%	Quartz
		Non-Fibrous	Ciusneg	1 % Cro	•				Other
		Homogeneous		170 010	o.como	i		-47	- Chici
		_		i					

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately.

Also, "# of Layers" refers to number of separable subsamples.

\* NY samples also analyzed by ELAP 198-1 Method

Margaret & Phillips.

000009

Approved
Signatory

A HAMMA

Disclaimers: PLM has been known to miss espestos in a small percentage of samples which contain asbestos. Thus negative be guaranteed. Floor tiles and wipes should be tested with aither SEM or TEM. The above test report relates only to the the may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim produ NYLAP nor any agency of the United States Government, All "NYLAP" reports with NYLAP logo must contain at least one single Leboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered sample. Analysis performed by EMSL of Indianapolis (NYLAP Air and Bulk #200188-0).

04-0003-570



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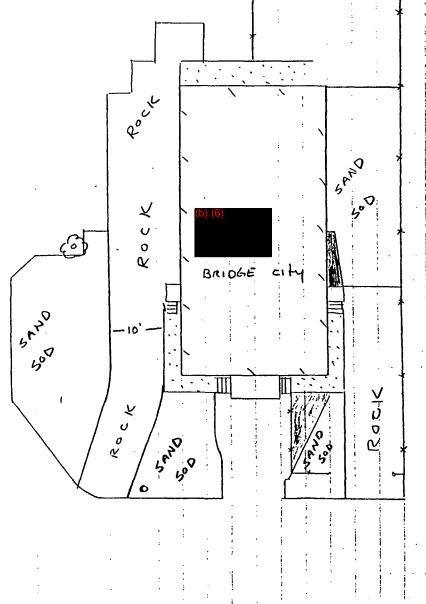
By PM Date 8-29-97 Subject Restantion	1 5140 #	002/003	_Sheet No	of
Chkd. By Date	·		Proj. No	
REVISED 9-5-97				
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ONE DAY Notice PRIOR TO RESTORATION,

(b) (6)

FATHER





,000010

04-0002-590

## WESTBANK ASBESTOS ABATEMENT

#### **RESTORATION FORM**

SITE# 002/003

	•	, ,	•			1	
	DATE	DATE	DATE	DATE			·
·					EST.	ACTUAL	ACT.
	<u> </u>				QTY.	QTY.	COMP.
ck Installation (sq.yds.)					179.00		
d Installation (sq.yds.)					194. <sup>62</sup>		
Concrete Installation (sq. yds.)							
Concrete Installation (sq. yds.)							
ınd Installation (sq.yds.)		•			194,62		
wer Lift Sand							
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and (cu.yds.)		A-80-0.			55.4		
oncrete (cu.yds.)							
astic Edging (ft.)							
'alkway Rock Inst. (sq.yds.)							
ppsoil (cu.yds.)							
XTRA							
	Site Ske	tch on E	Back of F	Page			
OMMENTS:							

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE:

8/3/98

SITE #

007 \$ 003

Bridge City, LA

ACM LOCATED BENEATH:

HOUSE

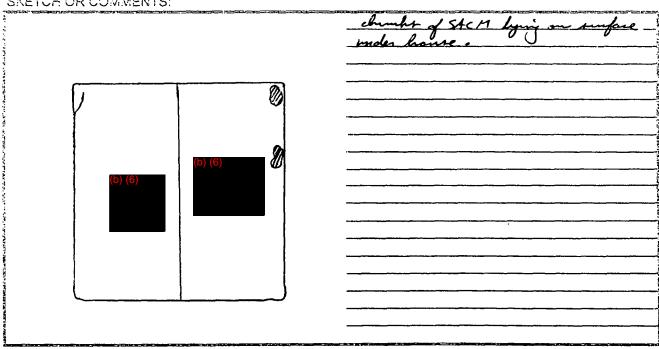
APPR. CRAWL SPACE HEIGTH

DESCRIPTION OF ACM

CHUNKS POWDER

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:



Team Members

04-0002-540

04-0003-540

Tracking Number	_004
Tracking I various	

#### FIELD DATA SHEET 1

Site Information:	
Occupant: Same (6) (6)	Interviewee:
Address: (b) (6)	RIDGE CITY, LA 70094
Phone No.: (b) (6)	7
Quiner Name Address and Phone No. if Different Than Occupan (b) (6)	t:
Site Description:	
Description of property (circle): single home; duplex; by vacant house; vacant lot; other	ousiness; school; daycare; church;
2) Problems accessing yards (circle): locked gate; gate; do resolution:	gs; other <u>gate ope</u>
3) Underground utilities installed by owner? (circle): no; wat septic tank; other  Note location on site sketch.	er; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; no; don't If yes, note on site sketch. How deep?	t know
Site Sketch:    House   House   Standard on 11/4	NORTH  NORTH  250 8+2
Date/Time of Interview: ///4/46 / 348	Access Granted (circle): (yes;) no
Team Members: GD / MH	~ r

Tracking # 004

## CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:

Property's Address:

State/Zip:

70094

Phone Number(s):

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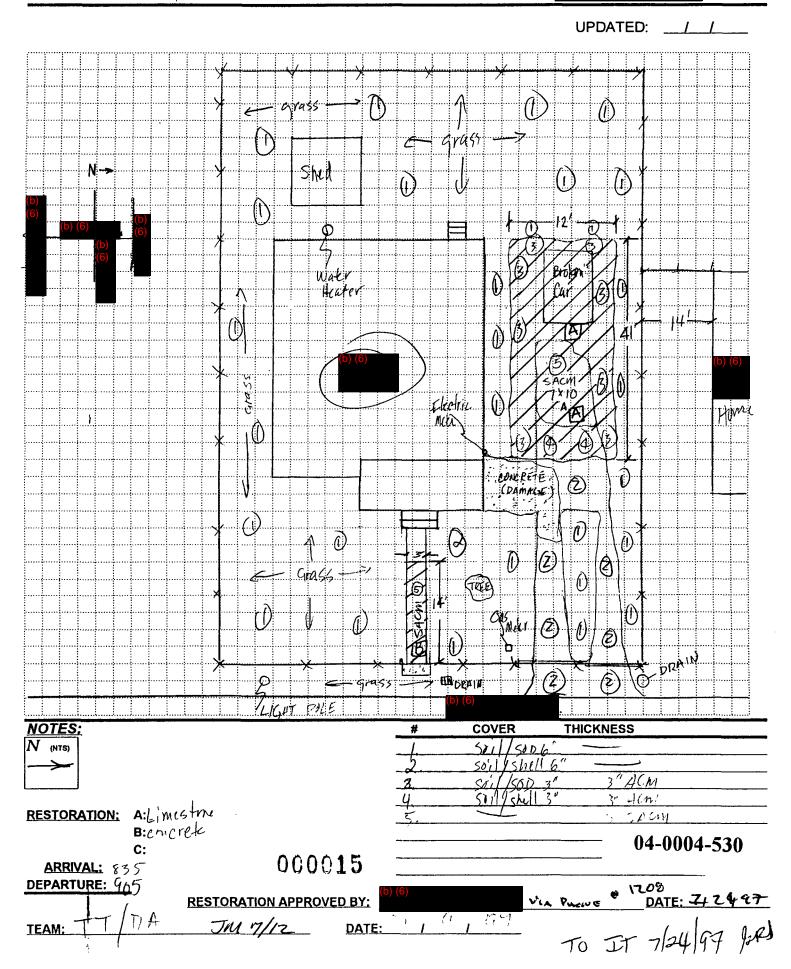
I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small buildozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

12-04-96 DATE



### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

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AUTHORIZED EPA/START REPRESENTATIVE \_

Deina Refalma

## EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn.: Deena DePaima Ecology & Environmental 11550 New Castle Avenue Baton Rouge, LA 70816

Monday. August 25, 1997

Ref Number: IN97889

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method\*

Project: 020601 RAGI WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u> % Type	*	<u>REESANON</u> EUOREIT	<u>103</u> % NONFIBROUS
WB8136G02	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile			30% Quartz 70% Other
WBS004G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile	į		30% Quartz 70% Other
WB8004G02		Brown Non-Fibrous Hamogeneous	Crushed	1% Chrysotile	}		30% Quartz 70% Other
WB81026G01		Brown Non-Fibrous Homogeneous	Crushed	None Detected		. <u>.</u>	20% Quartz 80% Other
WB3970G01		Brown Non-Fibraus Homogeneous	Crushed	None Detected			20% Quartz 80% Other
WB8970G02		Brown Non-Fibrous Homogeneous	Cruehed	8% Chrysotile 2% Crocidolite			30% Quartz 1 60% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

\* NY samples also analyzed by ELAP 198-1 Method

dane Wasilewski Analyst

000017

Approved Signatory

A Hallands

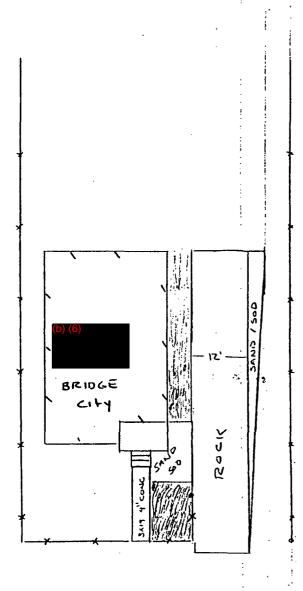
Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain submics. Thus regular guesterneed. Ploor time and vipes should be tested with either EEM or TEM. The above test report relates only to the if may only be reproduced in his with written approved by EMSL. The above test must not be used by the client to claim process the contain and process of the United States Government, All "NVLAP" reports with NVLAP logs must contain at least one Laboristory to not responsible for the accuracy of results when requested to physically separate and analyze layered sams.

Analysis performed by EARL of Indianancia (MNLAP All and M. 2001) 88.01.

04-0004-570



Ву_ РМ	Date <u>8-21-97</u>	_Subject.	RESTORATION	site #	004	Sheet Noof	
Chkd By	Date					Proj No	



04-0004-590

# WESTBANK ASBESTOS ABATEMENT

**COMMENTS:** 

R	ES	TO	R	Δ	TI	OI	V	FO	RI	И
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SITE#	004

	DATE	DATE	DATE	DATE		4	
					EST. QTY.	ACTUAL QTY.	ACT.
ock Installation (sq.yds.)					93. <sup>59</sup>		·
od Installation (sq.yds.)					23. <u>5</u> °		
" Concrete Installation (sq. yds.)							
" Concrete Installation (sq. yds.)					چ. <mark>چه</mark>		
and Installation (sq.yds.)					23.50		
ower Lift Sand							
lock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					۲4، <sup>ي</sup>		
and (cu.yds.)					00°.		
Concrete (cu.yds.)							
Plastic Edging (ft.)						·	
: Valkway Rock Inst. (sq.yds.)	·						
ropsoil (cu.yds.)							
EXTRA							
	Site Ske	tch on B	Back of P	'age			

<del></del>		<del></del>	
·			
IT REPRESENTATIVE SIGNATURE			
SUB 1 SIGNATURE		04-0004-590	<u> </u>
SUB 2 SIGNATURE	000019 + 1		

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>8/3/98</u> SITE# <u><b>004</b></u>	ADDRESS: (b) (6)  Builgo Cily, L.
ACM LOCATED BENEATH:	HOUSE
APPR. CRAWL SPACE HEIGTH	10
DESCRIPTION OF ACM	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM)	
SKETCH OR COMMENTS:	
ملانعريمهم	

Team Members

Be/PL

10/2/94
signed access
complete
10/11/96 Timegon ordirk

Tracking Number	005

#### FIELD DATA SHEET 1

(b) (6) (b) (6)							
Occupant: Interviewee:							
Address: (b) (6)  BRIDGE CITY, LA							
Phone No.							
Owner Name Address and Phone No. if Different Than Occupant:  (b) (6)							
Site Description:							
1) Description of property (circle): single home: duplex; business; school; daycare; church; vacant house; vacant lot; other							
2) Problems accessing yards (circle): locked gate; gate; dogs; other							
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other							
4) Is any underground ACM present? (circle): yes; no; don't know  If yes, note on site sketch. How deep?							
Site Sketch:  North  North  (b) (6)							
Estimated Volume of ACM: 9, 26 yd 3							
Comments: wushedlimetone welding 10/14/96 2:25pm							
Date/Time of Interview: 10/2/94 1/00 Access Granted (circle) yes; no							
Date/Time of Interview: 10/3/94 1/00 Access Granted (circle) yes; no  Team Members: Phodeo   Thurchurch							

CAR

## CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:		
Property's Address:	Bridge City	hA.
State/Zip: 10094	Phone Number(s):	

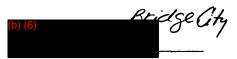
I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-9-96 DATE SIGNATURE



UPDATED: / JUNK. SHED CAR STÖLLAY JUNE CAR grass, (I)GRAGS NOTES: COVER **THICKNESS** Spills206" Spills005" Z"ACH 30,5 Lic 4, RESTORATION: A: CONCRETE (39'x53') B: SODA SOIL 04-0005-530 000023 ARRIVAL: 1000 DEPARTURE: 1045 VIA PHONE DATE: 731,77 RESTORATION APPROVED BY: DATE: 71897 \* FORWARD TO IT = 197

#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:			
SITE#	<b>Ø0</b> 5	ADDRESS:	
		Bridge City, La.	

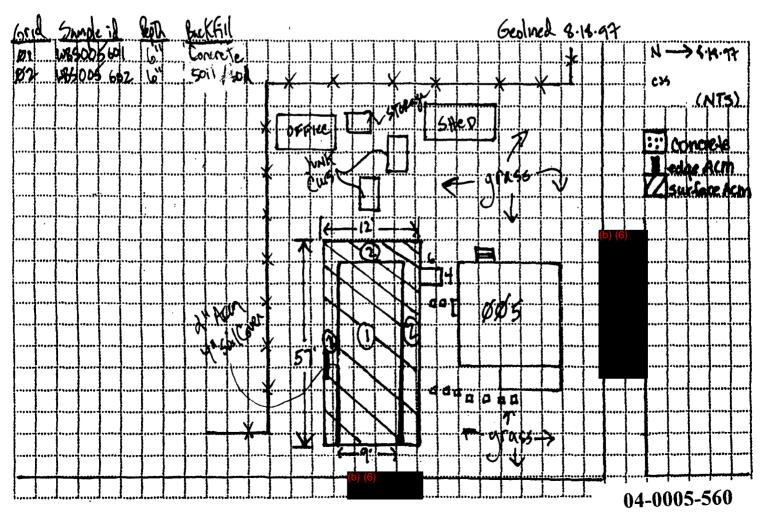
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON No problem in the sample of the sample

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: 

B. FURTHER ACTION NECESSARY:



000024 AUTHORIZED EPA/START REPRESENTATIVE \_\_\_\_

Deeni Defalma

## EMSE Analytical, Inc.

6330 East 75th Street, Sulte 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

(217) 570-5894 EM

Attn.: Maggie Lin
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Friday, August 22, 1997

Ref Number: IN97886

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method\*

Project: 020601 RAGI WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTO	<u>os</u> Type %	<u>NONASBES</u> FIBROUS	TOS % NONFIBROUS
WBS836G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chryso < 1% Crocido	tile		80% Quartz 20% Other
WBS009G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chryso < 1% Crocklo			80% Quartz 20% Other
WBS009G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chryso < 1% Crocido			80% Quartz 20% Other
WBS005G01		Brown Non-Fibrous Homogeneous	(Crushed	< 1% Chryso < 1% Crocido		j	80% Quartz 20% Other
WBS005G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chryso < 1% Crocklo	,		80% Quartz 20% Other
WBS133G01	ļ	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chryso < 1% Crocide			80% Quartz 20% Other

Comments: For all of vicusity heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately.

Also, "# of Layers' reduces to number of separable subsamples."

\* NY samples plac at alyand by ELAP 198-1 Method

Marga : Hallips

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000025

Approved Signatory

Eigefumers. PLM has been known to mise asbestos in a small percentage of samples which contain asbestos. Thus negative PLM to pubmanteed Floor tites and wipes should be tested with either SEM or TEM. The above test report relates only to the items test and only be reproduced in full with written approved by EMSL. The above test must not be used by the client to claim product ends NYLAP nor any apparcy of the United States Covernment. All "NYLAP" reports must not be used by the client to claim product ends NYLAP nor any apparcy of the United States Covernment. All "NYLAP" reports with NYLAP long must contain at least 049 signstuff subcretory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

04-0005-570

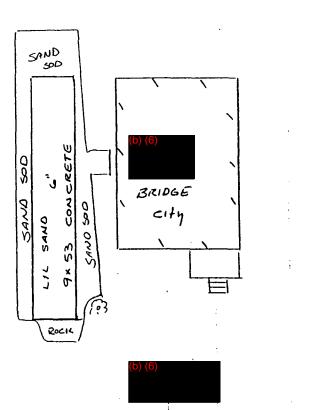






 By
 PM
 Date
 8-19-97
 Subject
 Restoration
 Site
 005
 Sheet No.
 of

 Chkd. By
 Date
 Proj. No.
 <



04-0005-590

## WESTBANKIASBESTOS ABATEMENT

### RESTORATION FORM

SITE# <u>005</u>

, ,

	DATE	DATE	DATE	DATE			•
					EST.	ACTUAL	ACT.
					QTY.	QTY.	COMP.
Rock Installation (sq.yds.)					3. <sup>50</sup>		·
Sod Installation (sq.yds.)					49.00		
6" Concrete Installation (sq. yds.)					53.**		
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					49,€		
Lower Lift Sand					53.**		
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)		···			1,00		
Sand (cu.yds.)	,				Z4.°°		
Concrete (cu.yds.)					· q, ºº		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
/ Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS:			
			·
IT REPRESENTATIVE SIGNATURE			
SUB 1 SIGNATURE		04-0005-590	
SUR 2 SIGNATURE	000027		

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: SITE#	8/3/58		Bridge City
ACM LOCA	TED BENEATH:	HOUSE SHED	
APPR. CRA	WL SPACE HEIGTH	10" - covered by skirt	
DESCRIPTI	ON OF ACM	CHUNKS POWDER SLAB	
PERCENT (	OF AREA (ACM)		
SKETCH OF	R COMMENTS:	_	
	Wand. Mr		

Team Members

BC/PL

#### FIELD DATA SHEET 1

Site Information:
Occupant: (b) (6) Interviewee:
Address: (b) (6)  BRIDGE CITY, LA
Phone No.:
(Sume)
Site Description:
1) Description of property (circle): single home: duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other
4) Is any underground ACM present? (circle): yes; no; don't know  If yes, note on site sketch. How deep?
House  House  Ann 12  Anna extend under  gran line to a reggeration  (b) (6)
Estimated Volume of ACM: 2.67 yd3
Comments: granddaughter sent in access a greatment
Estimated Volume of ACM: 2.67 yd3  Comments: granddaughts son in access a greament  Limestone in drive, grass/sil in fawn areas.
Date/Time of Interview: 10/2/94 Access Granted (circle) yes no
Team Members: Rhodes   Dew Church

## CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:

Property's Address:

State/Zip: 

Phone Number(s):

| Comparison of the compar

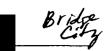
I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

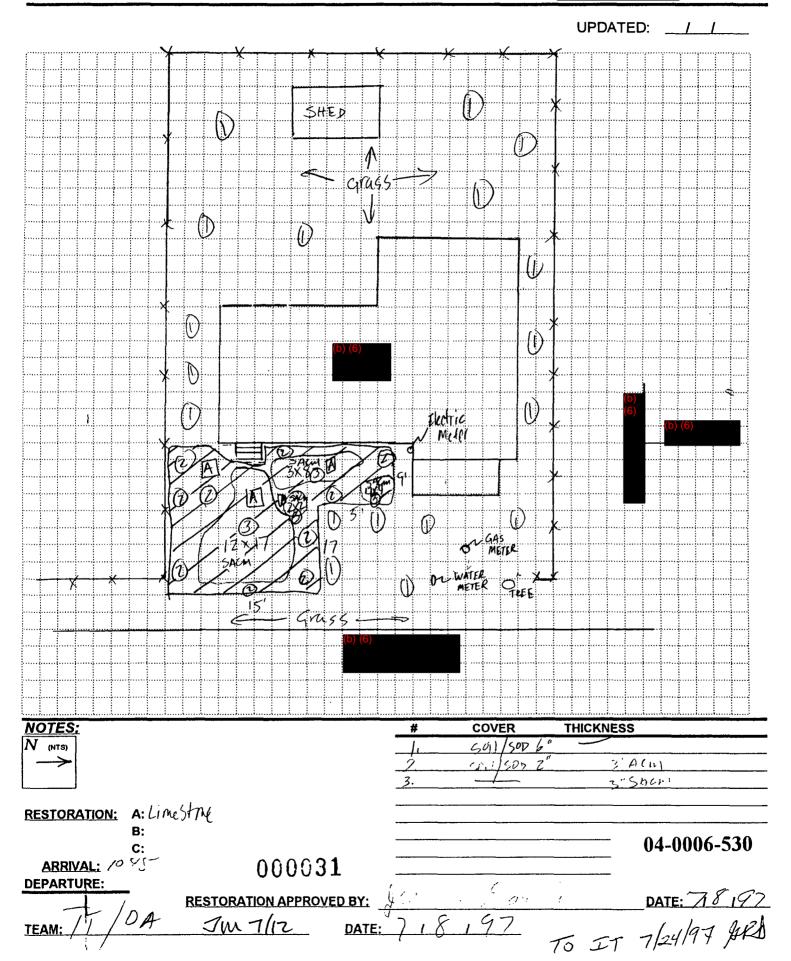
- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

11/13/96 DATE (b) (6)
SIGNATURE



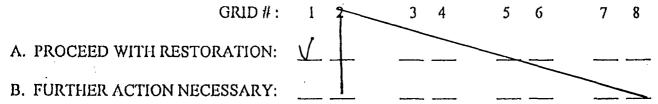


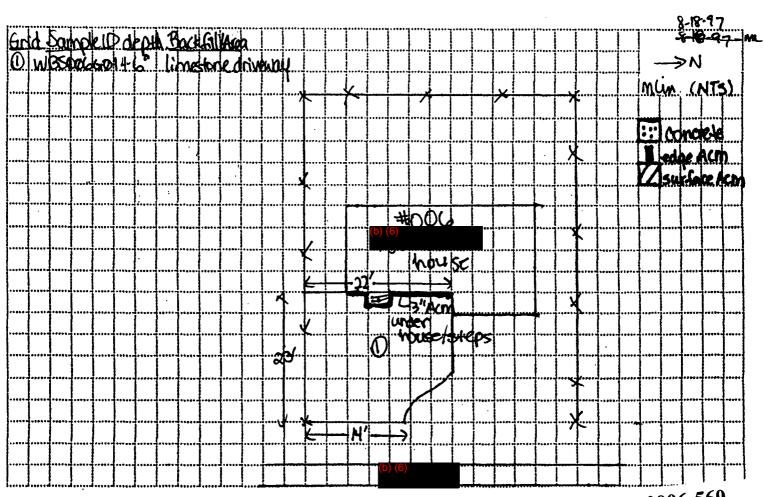
#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:		
SITE# 0006	ADDRESS:	
	Bridge City, LA	_

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON NO analytical as of 8-18-9-1

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:





AUTHORIZED EPA/START REPRESENTATIVE Magu of

## EMSI. Analytical, Inc.

Attn.: Maggie Lin

Ecology & Environmental

11550 New Castle Avenue Baton Rouge, LA 70816 6330 East 75th Street, Sulte 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

**EMSL** 

: (317) 570-5894

Friday, August 22, 1997

Ref Number: 1N97886



#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method\*

Project: 020601 RAGI WESTBANK ASBESTOS

SAMPLE	LOCATION	<i>APPEARANCE</i>	SAMPLE TREATMENT	<u> </u>	STOS TYPE	%	<u>NONASBE</u> FIBROUS	NONFIBROUS
WB\$133G02	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chr < 1% Cro				Quartz Other
WBS341G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chr < 1% Cro		<u> </u>		Quartz Other
W8S344G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chr < 1% Cro	•			Quartz Other
WBS1002G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chr < 1% Cro			j	 Quartz Other
WBS1002G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chr < 1% Cro	-			Quartz Other
WBS006G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chr < 1% Cro	•		•	Quartz Other

Comments: For all the design the subsamples can be subsampled and subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers to number of separable subsamples."

\* NY samples of a coalyzed by ELAP 198-1 Method

Marging & Phillips

argerat Phillips Acalyst

000033

Approved Signatory

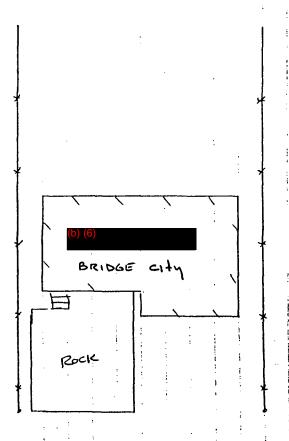
Disclatmers: PLM has been known to miss asbestos in a small percentage of samples which contain esbestos. Thus negative P be guaranteed. Floor ties and wipes should be tested with either SEM or TEM. The above test report relates only to the items a may only be reproduced in full with written approved by EMSL. The above test must not be used by the client to claim product or NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP topo must contain at least one signal Leboratory is not responsible for the occuracy of results when requested to physically separate and analyze layered eamples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #20018B-0).





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By_ PM	Date_ <i>8-19-97</i>	_Subject	RESTORATION	site#	006	Sheet No	of
Chkd By	Date					Proj. No.	



## WESTBANK ASBESTOS ABATEMENT

#### **RESTORATION FORM**

SITE# 006

			•		•	1	•
•	DATE	DATE	DATE	DATE			•
	į				EST.	ACTUAL	ACT.
					QTY.	QTY.	COMP.
Rock Installation (eg.yde.)					49.00		
Rock Installation (sq.yds.)					77.7		<u> </u>
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)							ļ
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)		<del></del>					ļ
Lower Lift Sand					·		
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					12.02		
Sand (cu.yds.)							ļ
Concrete (cu.yds.)					•		
consists (surjus.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
wajkway Nock Ilist. (sq.yus.)							<del> </del>
Topsoil (cu.yds.)							
EXTRA			!				
EAIRA			<u> </u>	<u> </u>		1	
	Site Ske	etch on E	Back of F	Page			
			•	3		• .	
COMMENTS:	·····						
	<del></del>						

IT REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

SUB 2 SIGNATURE

## WESTBANK ASBESTOS RENOVAL PROJECT NEW ORLEANS, LA

DATE: 8/3/98 SITE# 006		AI(b) (6) Bridge City, L
ACM LOCATED BENEATH:	HOUSE SHED	
APPR. CRAWL SPACE HEIGTH	Grand and the State of the Stat	
DESCRIPTION OF ACM	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)	· · · · · · · · · · · · · · · · · · ·	
SKETCH OR COMMENTS:		
Money		

Team Members

BC/PL

V 10/2/94 1105 nobsdy hom call owner

Tracking Number	007
-----------------	-----

#### FIELD DATA SHEET 1

Site Information:
Occupant: (b) (6) Interviewee
Address: (b) (6)  BRIDGE CITY, LA
Phone No.: (b) (6)
Owner Name Address and Phone No. if Different Than Occupant:
(b) (6)
Site Description:
Description of property (circle): single home, duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other
4) Is any underground ACM present? (circle): yes; no; don't know  If yes, note on site sketch. How deep?
Site Sketch:
HOUSE ACM)
Estimated Volume of ACM: 1/1/4/3
Estimated volume of Acivi. 77171 Con
Comments: Crushed limestone w/edging
Date/Time of Interview: 10-7 17:00 Access Granted (circle), yes; no
Team Members:

TRACKING# DOT

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:	
Property's Address:	Bridge City, La 70094
State/Zip:Phone Number(s): 60 (6)	
70094	•

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

Sept. 12 1996 DATE SIGNATURE

TRACKING # 007 SITE SKETCH ADDRESS: UPDATED: / / Shed 0 (1) **(1)** (2)WATER mffet Elegina MULTIN 受 Flower BED PORH Gran DEAIN Mith LIGHT POUT. Grass. NOTES; COVER **THICKNESS** START CONCRETE PAD EVEN WITH PORCH (AT ELECTRIC METER) AND COME TOWARDS 7TH ST. SHOWLD ALLO BE SET NEXT TO HOUSE N (NTS) 2011/516 50, 150 B) ACIU Sill Shell 3" 31 50 CW RESTORATION: A: CONCRETE (10'X30') B: 54ND /SOD 04-0007-530 C: LIMESTONE CONLY IF CONCRETE 000039 ARRIVAL: 800 DOES NOT REACH FENCE .) DEPARTURE: 830 **RESTORATION APPROVED BY:** VIA PURNE @ 1375 DATE: 712497 TEAM: TT / DA DATE: 7 19 19 JM 7/12 TO IT

## WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

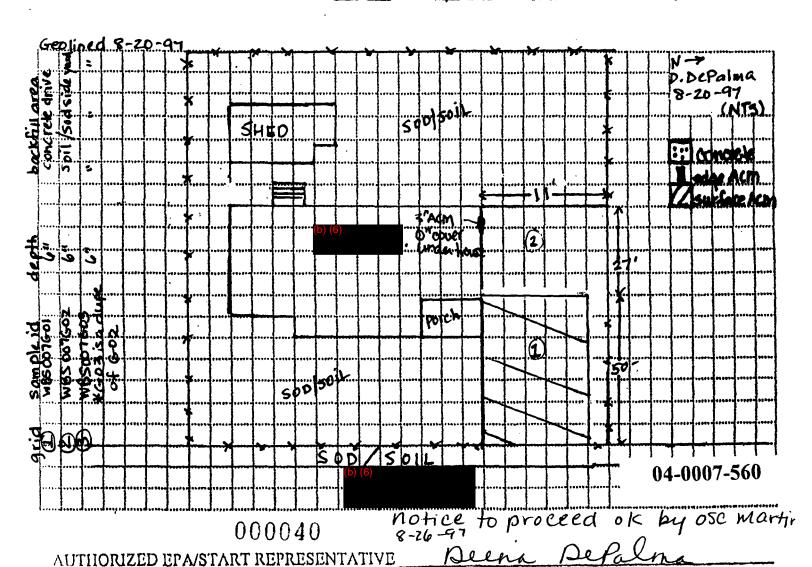
FYI:			
SITE#	007	ADDRESS: (b) (6)	
	·	Bridge City, La	

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON <u>no analytical as</u> of 8-20-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION:



## EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolls, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn.: Maggie Lin

Ecology & Environmental 11550 New Castle Avenue Baton Rouge, LA 70816 Friday, August 22, 1997

Ref Number: 1N97885

## POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method\*

Project: 020601 RAGI WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u> % TYPE	%	<u>Nonasbes)</u> Fibrous	% NONFIBROUS
WBS013G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed !	< 1% Chrysotile < 1% Crocidolite	:		80% Quartz 20% Other
WBS013G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other
WBS821G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite	ļ		80% Quartz 20% Other
WB\$375G01		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crockfolite		;	80% Quartz 18% Other
WB\$007G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Crocidolite			80% Quartz 20% Other
WBS007G02		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite			80% Quartz 18% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

\* NY samples also analyzed by ELAP 198-1 Method

Muguetz Phillips Margaret Phillips Analyst

000041

Approved Signatory

W WHITE

Disclaimers: PLM has been known to miss asbestoe in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the itermany only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product NVLAP nor any agency of the United States Government, All "NVLAP" reports with NVLAP togo must comain at least one et Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered sample Analysis performed by EMSL of indianapolis INVLAP Air and Bulk #200188-0).

04-0007-570

# EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn.: Maggie Lin **Ecology & Environmental** 11550 New Castle Avenue

Baton Rouge, LA 70816

Friday, August 22, 1997

Ref Number: IN97885

## POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method\*

Project: 020601 RAGI WESTBANK ASBESTOS

			SAMPLE	<u>ASBESTOS</u>		NONASBI		1101/EIDBC: 15
ŞAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYPE	<b>%</b>	FIBROUS		NONFIBROUS
WBS007G03	-(b) (6)	· Brown	Crushed	< 1% Chrysotile				Quartz
•		Non-Fibrous	i	< 1% Crocidolite	: !		20%	Other
•		Homogeneous	1	•	!			
			:	. 40/ Chainntila	•		80%	Quartz
WB\$187G01		Brown	Crushed	. < 1% Chrysotile ; < 1% Crocidolite	•			Other
į		Non-Fibrous	i	- 1 76 Crockdon(6	İ			
ı		:Homogeneous	!					
· · · · · · · · · · · · · · · · · · ·				1		•	80%	Quartz
WBS193G01		Brown	<sub>i</sub> Crushed	< 1% Chrysotile < 1% Crocidolite	į			Other
		Non-Fibrous		176 Crocioonia			2370	
		Homogeneous						
;WBS015G01		Banus a	Countries	None Detected	:		80%	Quartz
MRSGLOGOL		Brown	Crushed	Mana Derected	:			Other
I		Non-Fibrous : Homogeneous			1	<i>:</i>		
ı		inioniogeneous	1	!	. !			
		_					900/	6 Quartz
WB\$015G02		Brown	Crúshed	None Detected				∘ Quanz 6 Other
,		Non-Fibrous Homogeneous	:				207	Oliti
		Homogeneous		1				
WBS015G03		Brown	Crushed	< 1% Chrysotile	1	•	809	6 Quartz
110001000		Non-Fibrous	Ciusicu	< 1% Crockdolite				6 Other
'		Homogenéous	!	- 170 Discissions	i			
}	1	. IouroBeneous						

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

\* NY samples also analyzed by ELAP 198-1 Method

Analyst

000042

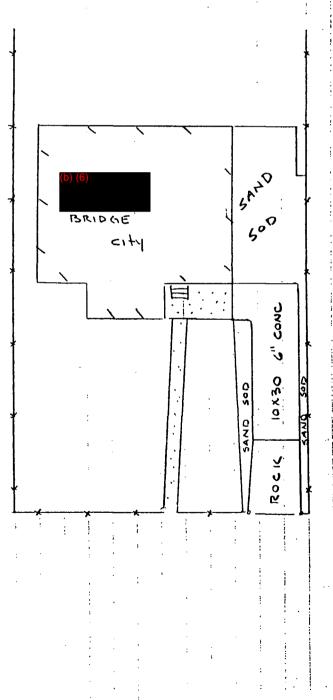
Approved Signatory

Disclaimers: PLM hea been known to miss aspestos in a small percentage of samples which contain asbestos. Thus negative PLM results be guaranteed. Floor titles and wipes should be tested with either SEM or TEM. The above test report relates only to the may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim provided the United States Government. All "NVLAP income with in NVLAP loop must contain at least on Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered and Analysis performed by EMSL of Indianacolis (NVLAP and Bulk #200188-0).

04-0007-570



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04-0007-590

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# WESTBANK ASBESTOS ABATEMENT

### **RESTORATION FORM**

SITE#	007
	<del></del>

	DATE	DATE	DATE	DATE			
•					EST.	ACTUAL	ACT.
·					QTY.	QTY.	COMP.
lock Installation (sq.yds.)					Z4.50		·
od Installation (sq.yds.)					79.50		
" Concrete installation (sq. yds.)					36.50		
" Concrete Installation (sq. yds.)							
and Installation (sq.yds.)					79.2		
ower Lift Sand							
tock, Brown (cu.yds.)							
lock, Gray (cu.yds.)					7.≌		
and (cu.yds.)					24.≅		
Concrete (cu.yds.)					6.=		
Plastic Edging (ft.)							ļ
Valkway Rock Inst. (sq.yds.)						<u> </u>	
opsoil (cu.yds.)							
EXTRA							
	Site Ske	etch on B	ack of F	Page			

COMMENIS:			
T REPRESENTATIVE SIGNATURE		;	
SUB 1 SIGNATURE	000044	04-0007-590	
SUB 2 SIGNATURE			

# WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: _8/3/98	Bridge City, LA
ACM LOCATED BENEATH:	HOUSE
APPR. CRAWL SPACE HEIGTH	12"
DESCRIPTION OF ACM	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM)	
SKETCH OR COMMENTS:	
now in the	

Team Members

BC/PL

04-0007-540

v10/2/96 coel ounes por virto.

#### FIELD DATA SHEET 1

Site Information:	
Occupant: Interviewee:	
Address: (b) (6)  REIDGE CITY, LA	
(b) (6) Phone No.:	
Owner Name Address and Phone No. if Different Than Occupant:	<del></del>
(0) (0)	
Some (b) (6)	
Site Description:	
1) Description of property (circle); single home; duplex; business; school; daycare; church; vacant house; vacant lot; other	
2) Problems accessing yards (circle): locked gate; gate; dogs; other	
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other  Note location on site sketch.	
4) Is any underground ACM present? (circle): yes; no; don't know  If yes, note on site sketch. How deep?	
Site Sketch:	>
GARAGE HOUSE  CONCRETE  ACM + 8'X11'	27.4
Estimated Volume of ACM: 1, 63 and 3	
Estimated Volume of ACM: 1, 63 yd3  Comments: Water meter near ACM  Crushed limestone	
Date/Time of Interview: /3:30 /0//7 Access Granted (circle): yes; no	
Team Members: 7/2 / KJ 04-0008-	.510
( 04-0000-	JIV

I KACKING# DOB

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

(b) (b)	
Property Owner's Name:	
Property's Address:	Bridge City
State/Zip: La. 70094 Pho	ne Number(s):

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

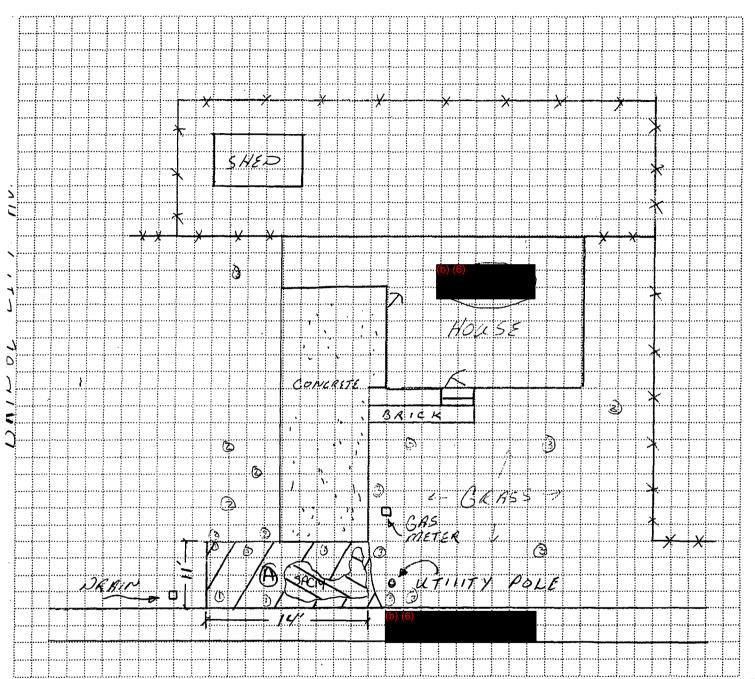
- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-12-96 DATE (b) (6)
SIGNATURE

UPDATED: \_\_/



NOTES: SACM is broken-up		#	COVER	THICKNESS	
N (NTS)		<u> </u>	Shell	+2" ACM	
		(2) +4	"61×11		
		, ————————————————————————————————————	Drast 4 coll		
RESTORATION: A: \incestore					
B:		-			04-0008-530
C:	000048	<u></u>			04-0000 550
ARRIVAL: 08030 DEPARTURE: 0830		<del></del>			202
RESTORA:	TION APPROVED BY:	(b) (6)		VIA PHONE	DATE: 7724197
/ (1,010,01				1.7 1.40.00	

TEAM: MRW/ KLL JUT/12 DATE: 27 109 197 TO IT 7/24/97 JPD

## WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:		
SIT <b>E#</b>	008	ADDRESS: (6) (6)
	•	P '1. A'.

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

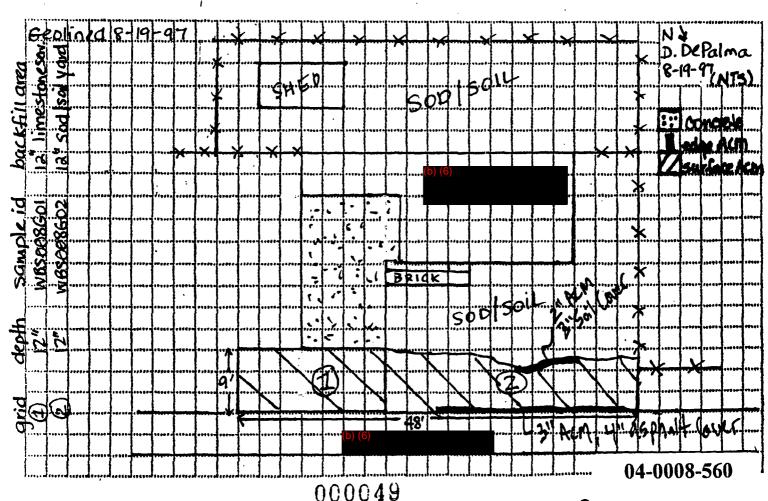
GRID#: 1 2 3 4 5 6

7

8

A. PROCEED WITH RESTORATION: V

B. FURTHER ACTION NECESSARY:



AUTHORIZED EPA/START REPRESENTATIVE

Deina DePalma

## Elast Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn.: Deena DePalma Ecology & Environmental 11550 New Castle Avenue Baton Rouge, LA 70816

Thursday, August 21, 1997

Ref Number: IN97873

#### . POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method\*

Project: 020601 RAGI WESTBANK ASBESTOS

gage e sa eag	LOÇATION	APPEARANCE	SAMPLE TREATMENT	<u>asbe</u> %	STOS TYPE	%	NONASBES FIBROUS	 NONFIBROU
We will be	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	2% Chr < 1% Cro	-	-!   		Quartz Other
WELL-MANA		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chi < 1% Cro	=			Quartz Other
WES DOT OUT		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chi < 1% Cro	•			 Quartz Other
WBC0040000		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chr < 1% Cro				Quartz Other
WB50 - C60		Brown Non-Fibrous Homogeneous	Crushed	. < 1% Chi < 1% Cro	•			Quartz Other
WBS(+1905)		Brown Non-Fibrous Homogeneous	Crushed	i < 1% Chi	rysotile			Quartz Other

Complete to the field obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, it will us a true for the number of separable subsamples.

\* NY recognition also analyzed by ELAP 198-1 Method

Wasilewski Analyst

000050

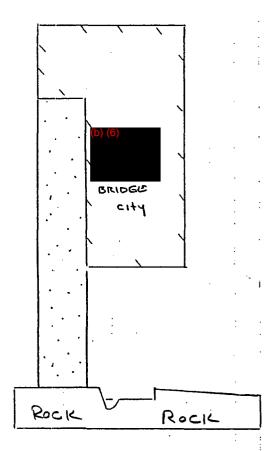
Approved Signatory

Disclaimers: PLM has been known to miss sebastos in a small percentage of samples which contain asbestos. Thus negative PLM results canomic be guaranteed. Floor tiles and wipes should be tested with either 86M or TEM. The above test report relates only to the item may only be reproduced in full with written approval by EMSL. The above test must not be used by the diant to claim produce NVI.AP not any separcy of the United States Government. All "NVLAP" reports with NVIAP logo must contain at less time significant to the accuracy of results when requested to physically separate and analyze layered sample: Analysis performed by EMSL of Indianapolis INVLAP Air and Bulk #20018B.0)

04-0008-570







04-0008-590

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SUB 1 SIGNATURE

SUB 2 SIGNATURE

R	FS.	$\Gamma \cap$	RΛ	TI	$\cap N$	FO.	ÐΝ	A
<i>i</i> \	LJ.	I U	πн		$\mathcal{D}IV$	TU.	$\alpha_{\rm H}$	71

SITE#

		i	î.			,	
	DATE	DATE	DATE	DATE		•	•
					EST.	ACTUAL	ACT.
					QTY.	QTY.	COMP.
ock Installation (sq.yds.)					40. <sup>50</sup>		
od Installation (sq.yds.)							<u> </u>
Concrete Installation (sq. yds.)							
' Concrete Installation (sq. yds.)						<u></u>	
and Installation (sq.yds.)							
ower Lift Sand							
ock, Brown (cu.yds.)							
ock, Gray (cu.yds.)					16.00		<u> </u>
and (cu.yds.)							
concrete (cu.yds.)			_		•		
lastic Edging (ft.)							ļ
Valkway Rock Inst. (sq.yds.)							
opsoil (cu.yds.)			,				<u> </u>
XTRA							
	Site Ske	tch on B	ack of P	age			
COMMENTS:			· ·	· .			
				······			<u> </u>
T REPRESENTATIVE SIGNATU	RE				:		
SUB 1 SIGNATURE		0000	150	<del></del>	04-0008	-590	

# WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/3/98 SITE# 008	Bridge City, L
ACM LOCATED BENEATH:	HOUSE
APPR. CRAWL SPACE HEIGTH	12"
DESCRIPTION OF ACM	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM)	070
SKETCH OR COMMENTS:	A CONTROL OF THE PROPERTY OF T
worklinde	

Team Members

BL/PL

04-0008-540

VIB/Z/96 call nobidy home

Tracking Number	009
-----------------	-----

### FIELD DATA SHEET 1

Site Information:	
Occupant: (b) (6) Interviewee:	
Address: (b) (6)  BRIDGE CITY, LA	
Phone No.: wk (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant:	
(b) (6)	BEEPER
Cita Descriptions	
Site Description:	
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other	
2) Problems accessing yards (circle): locked gate; gate; dogs; other	
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other ourse will make if allow a drawer.  Note location on site sketch.	
4) Is any underground ACM present? (circle): yes; (no;) don't know  If yes, note on site sketch. How deep?	
Estimated Volume of ACM: 7.41 yd 3	SRAH
comments: Wants crushed limestone as per phone call or 10/14/96 11:30 am by (6) (6)	
Date/Time of Interview: Access Granted (circle): yes; no	
Team Members: TC/MB 04-000	 09-51

IKACKING# 009

# WESTBANK ASBESTOS SITE

Property Owner's Name:
Property's Address:

State/Zip: (a 7004 \times Phone Number(s):

[b) (6)

[c) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-12-96 DATÉ SIGNATURE /

TRACKING # 009

SITE SIKETCH ADDRESS:

UPDATED: / / SHED SHED () GAST WATER HERTER 40452 LINED ander GROUN FIRE HYD WATER CONCRETE DRAIN NOTES: COVER THICKNESS NO ACM N (NTS) Can offer 10 x 25 Cone rate 50% SACM 2 SOD - 1" RESTORATION: A: Concrete (10x25) OK B: Grass /Soil ANOUND CONNETE 04-0009-530 000056 ARRIVAL: 1050 RESTORATION APPROVED BY: APPROVED BY PHONE DEPARTURE: 1130 DATE: 81 5197 10 IT 8/5/97

## WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:		
SITE#	009	ADDRESS: (b) (6)
		Bridge City, La

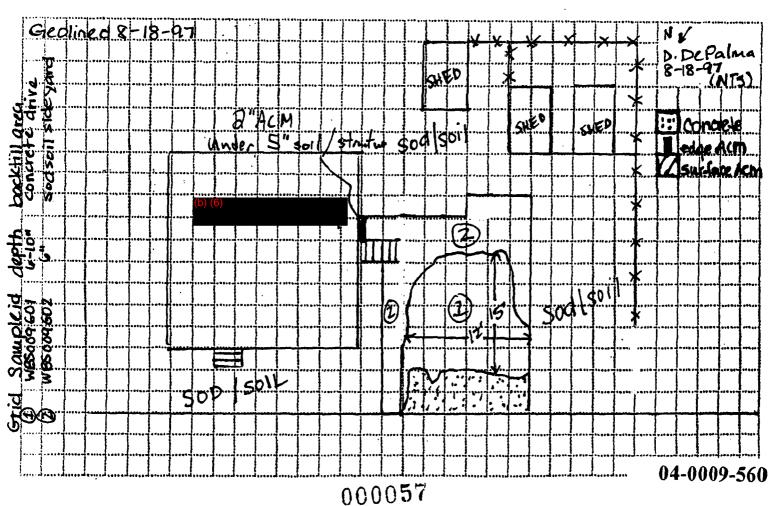
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON <u>no analytical as</u> of 8-18-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2 4 5 6

A. PROCEED WITH RESTORATION: 

B. FURTHER ACTION NECESSARY:



AUTHORIZED EPASTART REPRESENTATIVE DECLE DEPARTMENT

## EMSL Analytical, Inc.

6330 East 75th Street, Sulte 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn.: Maggie Lin
Scology & Environmental
11550 New Castle Avenue

Baton Rouge, LA 70816

3175705894

Friday, August 22, 1997

Ref Number: IN97886

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method\*

Project: 020601 RAGI WESTBANK ASBESTOS

			SAMPLE	ASBESTOS		NONASBE	sros	. [
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYPE	%	FIBROUS	% NO	NFIBROUS
WBS836G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite !			80% Que 20% Oth	. 1
WBS009G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Qua 20% Oth	
WBS0D9G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Que 20% Oth	
<b>W</b> 8S005G01		Brown Non-Fibrous Hornogeneous	Crushed	1 < 1% Chrysotile < 1% Crocidolite	- · · · · · · · · · · · · · · · · · · ·	i	80% Qua 20% Oth	
WBS005G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crockdolite			80% Qua 20% Oth	
WB\$133G01	<u></u>	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Qua 20% Oth	

Comments: For all of victority heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately.

Also, "# of Layers" refers to number of separable subsamples.

' NY samples also ar ਭੀਤਰਰੀ by ELAP 198-1 Method

Marge : Phillips

Armst

000058

Approved Signatory

Circlimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the flems test are; only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product ends NVLAP nor any apericy of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature, sportnoy is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

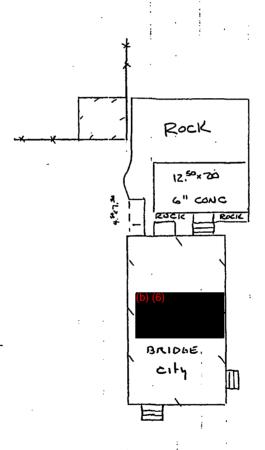
Of interpretation of the EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

04-0009-570





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o) (6)

04-0009-590

# WESTBANK ASBESTOS ABATEMENT

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SITE# 009

	DATE	DATE !	DATE	DATE	,	ı	
·			-		EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)					50.∞		·
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)					Z8.°º .		
4" Concrete Installation (sq. yds.)							·
Sand Installation (sq.yds.)			•				
Lower Lift Sand						·	
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					12.00		
Sand (cu.yds.)							
Concrete (cu.yds.)					81 . Ť		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)						·	
Topʻsoil (cu.yds.)				·			
EXTRA		-					
	Site Ske	tch on B	ack of P	age a			
COMMENTS				_			

IT REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

SUB 2 SIGNATURE

04-0009-590

000060

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8 11 96 SITE #: 3 \$ 9		ADDRESS:
ACM LOCATED BENEATH:	HOUSE	
APPR. CRAWL SPACE HEIGHT:	12"	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)	<u>~ 3%</u>	=
SKETCH OR COMMENTS:  (b) (6)	(b) (6)	ACM pieces under west end of the house
TEAM MEM	IBERS: (g) ()	5

000061 04-0009-540

#### FIELD DATA SHEET 1

Site information	<u>:</u>		4.20	
Occupant:	ne		Interviewee: (b) (6)	
Address: (b) (6)		, BRIDGE	City, LA	
Phone No.:		,		
(b) (6)	ess and Phone No. if D	Different Than Occupar	nt:	
<u> </u>			(b) (6)	
Site Description:			·	
Description of provacant house;		e home; duplex; t	ousiness; school; daycare;	church;
2) Problems accessing resolution:	ng yards (circle): loc	ked gate; gate; do	ogs; other <u>Oppor gal</u>	<u>≥</u>
	ities installed by owner hersite sketch.	? (circle): no; wat	ter; gas; electric; cable TV	·;
	nd ACM present? (circle sketch. How deep?	e): yes; no; don'	t know	
Site Sketch:	58 XX	X X USE  31 CONCR	ETE GARAGE	NORTH
Estimated Volume of	FACM: 20, 23	Zyol <sup>3</sup>		
	mestone (	•		
Date/Time of Intervio	ew: 10/2/96	1030	Access Granted (circle): (yes;	по
Team Members: -	ew: 10/2/96 Khodles/D	ur Church		0045 =
	•		(14.	-0010_510

TRACKING# 010

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:	(6)			
Property's Address:	Þ	RINGE	CITY	
	Phone Number(s):	(b) (b)		

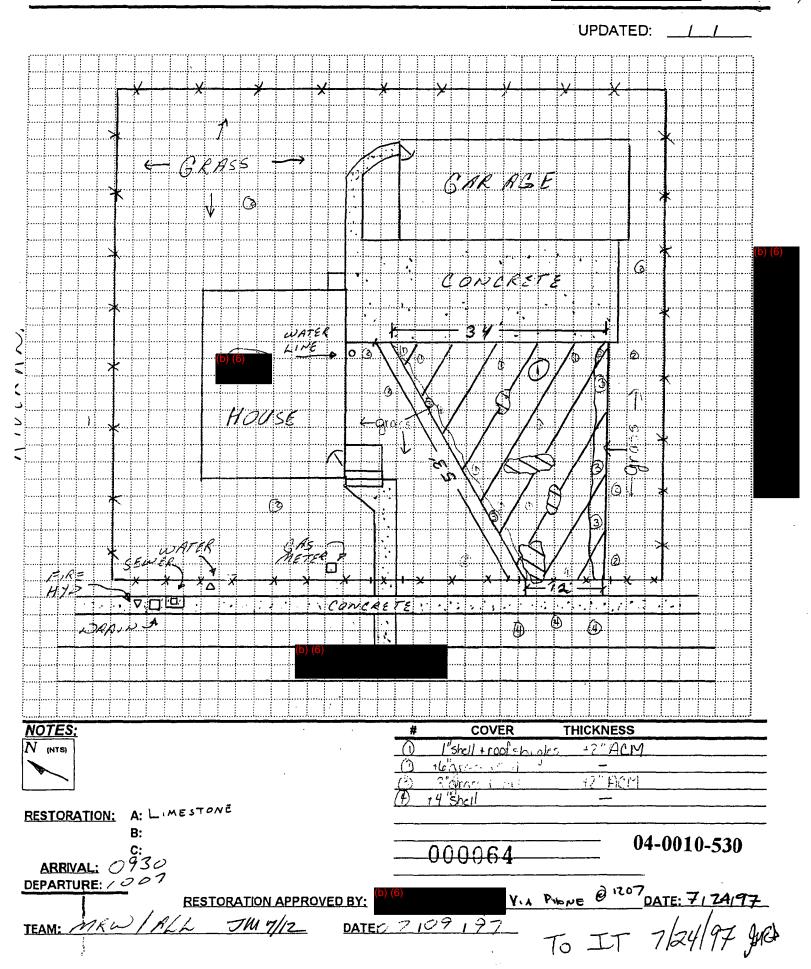
I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

	(b) (6)	
9-12-96		
DATE	SIGNAT	URE
	(b) (6)	
	000063	04-0010-520

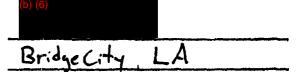


## WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

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SITE# ØIØ

ADDRESS:



THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON <u>no analytical</u> as of 8-20-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

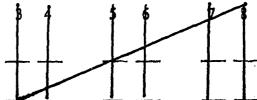
GRID#:

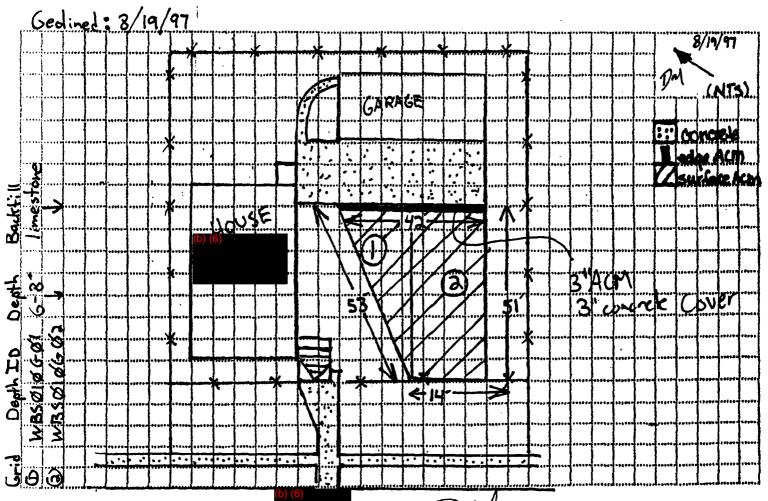
1 2

A. PROCEED WITH RESTORATION:

 $\sqrt{}$ 

B. FURTHER ACTION NECESSARY:





000065

AUTHORIZED EPA/START REPRESENTATIVE

DAIN

04-0010-560

## EMSL Analytical, Inc.

6330 East 75th Street, Sulte 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Deena DePalma **Ecology & Environmental** 11550 New Castle Avenue Baton Rouge, LA 70816

Thursday, August 21, 1997

Ref Number: IN97873

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method\*

Project: 020601 RAGI WESTBANK ASBESTOS

			SAMPLE	ASBE	STOS		NONASBI	<u>ESTOS</u>	
BARGAR	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
Website551	(b) (6)	Brown	Crushed	1 < 1% Chr	ysotile		•	30%	Quartz
		· Non-Fibrous	1	1	•	i			Other
•		Homogeneous		İ					i
		•	:	•		I.			1
WBCCKGA		Brown	Crushed	< 1% Chr	ysotile	1		30%	Quartz
		. Non-Fibrous		İ		!			Other
		Homogeneous		1		1			1
<u>L</u>			i	1	,	•-			į
will be		Brown	Crushed	Nor	ne Detected	ı		30%	Quartz
		Non-Fibrous				:			Other
i		Homogeneous		•		:			į
1			•	:	••	]			
WRC 1. Jine.		: Brown	Crushed	. < 1% Chr	vsotile	:		30%	Quartz
		l Non-Fibrous	1	< 1% Cro					Other
į		Homogeneous	ł.	1					1
<u> </u>		:	:			i			Ĭ
Wes Brook		Brown	·Crushed	< 1% Chr	vsotile			80%	Quartz
		Non-Fibrous	0.00.00	< 1% Cro					Other
İ		· Homogeneous	1	•					İ
L		. Faces a processor accommo		<u></u>	,		· · · · · ·	•••	. 4
WB\$13.07 8.1		Brown	Crushed	< 1% Chr	ysotile			80%	Quertz
!		Non-Fibrous	1	< 1% Cro	•				Other
!		Homogeneous							
1	•		<u> </u>			•			1

Complicated Total deviausly heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "Bed Layers" refers to number of separable subsamples.

\* NY significations analyzed by ELAP 198-1 Method

· Wasilewski Analyst

000066

Approved Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus be guaranteed. Floor tiles and wipos should be tested with either SEM or TEM. The above test report relates only to may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to clair NVLAP nor any agency of the United States Government, All TNVLAP reports with NVLAP loop must contain at feat Laboratory is not responsible for the socuracy of results when requested to physically separate and analyze layered nalysis performed by EMSL of Indianapolia (NVLAP Air and Bulk #200188

04-0010-570



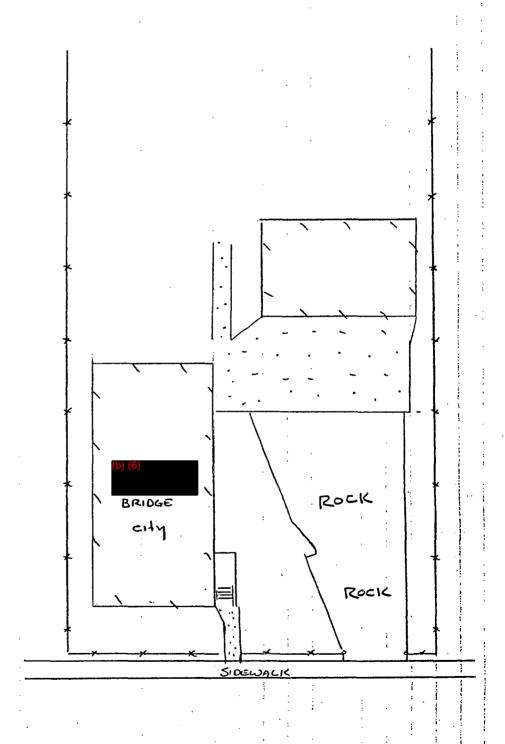






 By
 PM
 Date
 8-20-97
 Subject
 Restoration
 Site
 # 010
 Sheet No.
 of

 Chkd. By
 Date
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 Proj. No.
 Proj. No.
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04-0010-590

000067

# WESTBANK ASBESTOS ABATEMENT

#### RESTORATION FORM

SITE# 010

7

	DATE	DATE	DATE	DATE		•	
					EST. QTY.	ACTUAL QTY.	ACT.
ock installation (sq.yds.)					128.2		·
od Installation (sq.yds.)							
' Concrete Installation (sq. yds.)							
' Concrete Installation (sq. yds.)						·	
and Installation (sq.yds.)						<del></del>	
ower Lift Sand					,		
ock, Brown (cu.yds.)							
ock, Gray (cu.yds.)					3∕₀.≅		
and (cu.yds.)				·			
oncrete (cu.yds.)			···			·	
lastic Edging (ft.)							
Valkway Rock Inst. (sq.yds.)					•		
opsoil (cu.yds.)	·						
XTRA							<u> </u>

## Site Sketch on Back of Page

COMMENTS:	الموروع والمراوي والمراوع والمراع والمراوع والمر			
		·	•	
T REPRESENTATIVE SIGNATURE				
SUB 1 SIGNATURE	_000068	04-0010-590		
SUB 2 SIGNATURE	1			

# WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <b>8/3/98</b> SITE # <b>0/0</b>	Bridge City, LA
ACM LOCATED BENEATH:	HOUSE
APPR. CRAWL SPACE HEIGTH	<u> MA</u>
DESCRIPTION OF ACM	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM)	0 %
SKETCH OR COMMENTS:	
War in the	to crawl space

Team Members

Bc/PL

04-0003-540

vobody come
revisit

Tracking Number	01	
-----------------	----	--

### FIELD DATA SHEET 1

Site Information:	
Occupant: Interviewee:	
Address: BRIDGE CITY, LA	
Phone No.: (b) (6)	
Owner Name Address and Phone No. if Different Than Occupant:  (b) (6)  (c) (6)	(celeulan)
Site Description:	
1) Description of property (circle): single home; duplex; business; school; daycare; vacant house; vacant lot; other	church;
2) Problems accessing yards (circle): locked gate; gate; dogs; other	
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable T septic tank; other	V;
4) Is any underground ACM present? (circle): yes; (no; don't know  If yes, note on site sketch. How deep?	
Site Sketch:  HOUSE  X  X  X  X  X  X  X  X  X  X  X  X  X	X
Estimated Volume of ACM: 185 4063	
Comments: limestone	
Date/Time of Interview: 11/15/96 Access Granted (circle); yes	; )no
Team Members: phides) Dayin	04-0011-51

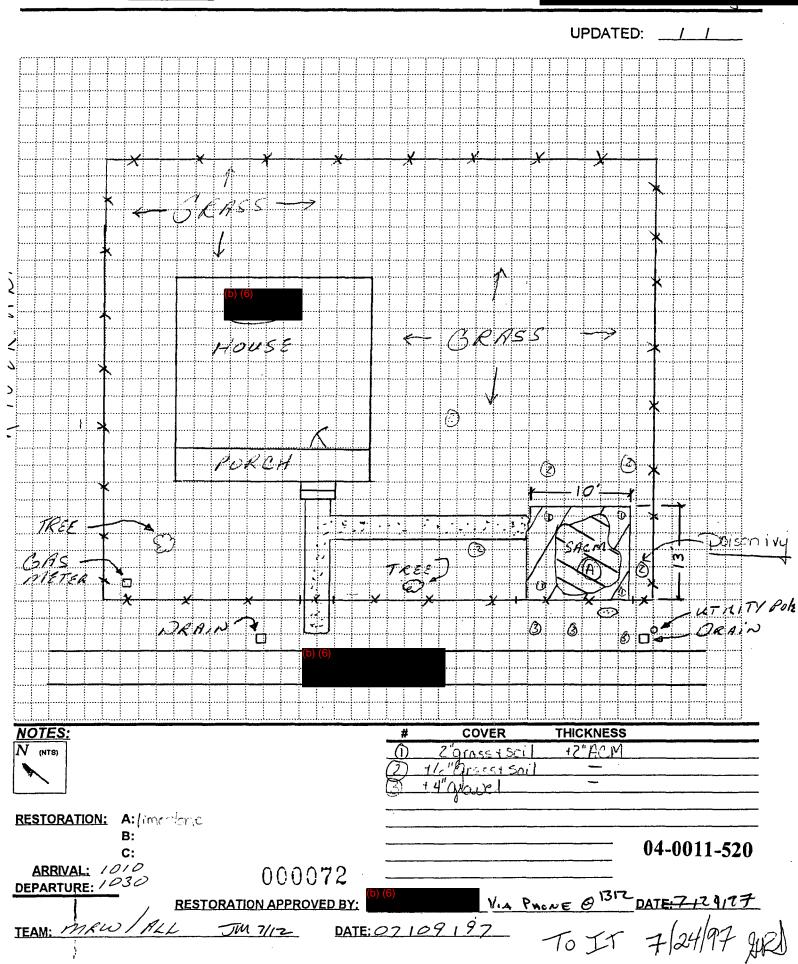
Tracking # P11

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

•	perty Owner's Name:  Derty's Address:    Bridge City LA
State	e/Zip: 75/094 Phone Number(s): (b) (6)
	reby consent to officers, employees, and parties authorized by the United States tal Protection Agency (EPA) entering and having continued access to my propert for the proposes:
. The takir	ng of such soil, water and air samples as may be determined to be necessary;
dier act	ions related to the investigation of surface or subsurface contamination;
a The parfo	ormance of a response action including, but not limited to, the following actions:
	Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and a the property;
Ĉ	He ar of asbestos-contaminated material from the property;
e.	Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
d.	The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
9	The taking of other actions necessary to mitig:  hazardous substances, pollutants or contaminan.  om the property.
the Comprehe (CERCLA), contaminated substances lo  The without three rights in law eaction EPA w	ze that these actions are undertaken pursuant to EPA's response responsibilities under ensive Environmental Response, Compensation, and Liability Act, as amended 12 U.S.C. § 9601 c; seq. Under those authorities, EPA can only remediate and restore property, and it legally cannot imperate property beyond removing hazardous cated such a property.  Seritter assion is given by me voluntarily with knowledge of my right to refuse and are promises of any kind. By signing this access agreement fam not waiving any per acquity I may have against any person or party in connection with the response will perform.

000071

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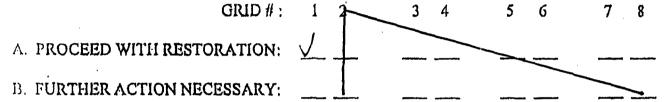


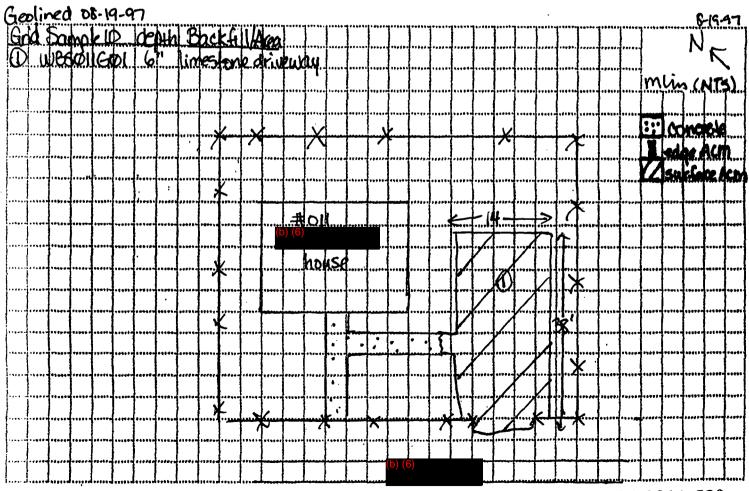
#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:		
SITE# OII	ADDRESS: (b) (6)	
	Bridge City, LA	_

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON NO CHALLING 8-19-97 (05 of) min

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:





AUTHORIZED EPASTART REPRESENTATIVE Magie dis.

04-0011-530

### EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolls, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn.: Deena DePalma
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Thursday, August 21, 1997

Ref Number: IN97873

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method\*

Project: 020601 RAGI WESTBANK ASBESTOS

847 (A 4 <del>4</del> 8 4)	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u> % TYPE	NONAS % FIBROUS	SESTOS % NONFIBROU
West to.	b) (6)	Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile . < 1% Crocidelite	- <u>!</u>	80% Quartz 18% Other
		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite	· ·	30% Quartz 70% Other
WESSELVER		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite	- A	30% Quartz 70% Other
WBS (0880 6.4		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite		30% Quartz 70% Other
WBS4 1001		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite	ede Wester (Wi	30% Quartz 70% Other
(WBSSGOCA		Brown Non-Fibrous Homogeneous	Crushed	i <1% Chrysotlie		30% Quartz 70% Other

Com : all obviously heterogeneous samples easily separated into subsamples, and for layered samples each component is analyzed separately Also, is a series to number of separable subsamples.

\* NY name, at laiso analyzed by ELAP 198-1 Method

Wasilewski
Analyst

000074

Approved Signatory

04-0011-570



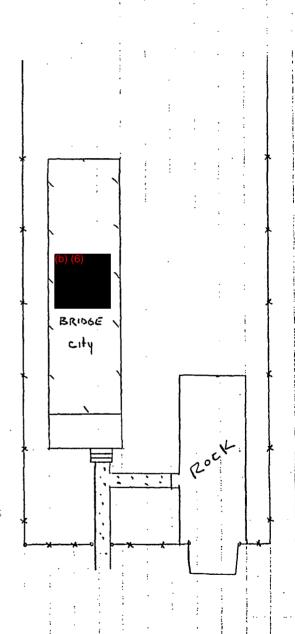
Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain debestos. Thus negative guaranteed. Floor tiles and wipes should be tasted with either SEM or TEM. The above test report relates only to the iter may only be reproduced in full with written approval by EMSL. The above test must not be used by the critical to claim product NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one si Leboratory is not responsible for the accuracy of results when requested to physically separatio and analyzationed samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).







Ву_	PM	_Date_	8-20-97	_Subject_	RESTORATION	SIFE #	011	Sheet Noof
Chkr	l Bv	Date						Proi. No



04-0011-590

000075

## WESTBANK ASBESTOS ABATEMENT

#### **RESTORATION FORM**

SITE# OIL

	DATE	DATE	DATE	DATE	EST.	" ACTUAL	ACT.
					QTY.	QTY.	COMP.
ock installation (sq.yds.)				i	دا <sup>ده</sup>		÷
od Installation (sq.yds.)							
Concrete Installation (sq. yds.)					•.		
Concrete installation (sq. yds.)							
and installation (sq.yds.)							
ower Lift Sand							
ock, Brown (cu.yds.)							
ock, Gray (cu.yds.)					18.≅		
and (cu.yds.)							
oncrete (cu.yds.)					•		
lastic Edging (ft.)							
/alkway Rock Inst. (sq.yds.)							
opsoil (cu.yds.)							
XTRA							
	Site Ske	etch on B	ack of P	age			
OMMENTS:				- w		·	
			<del>, , , , , , , , , , , , , , , , , , , </del>		·		
Γ REPRESENTATIVE SIGNATU	RE				:		

SUB 1 SIGNATURE
SUB 2 SIGNATURE

000076

04-0011-590

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <b>4/3/18</b> SITE# <b>D</b> [[			Bridge City, LA
ACM LOCATED BENEATH		HOUSE	
APPR. CRAWL SPACE HE DESCRIPTION OF ACM	IIGTH	CHUNKS POWDER SLAB	· · · · · · · · · · · · · · · · · · ·
PERCENT OF AREA (ACM	errocasias e	% 	; <u>Jan</u>
Jone Jone	, belo		
	Team Members		

04-0011-540

Tracking Number	012
-----------------	-----

#### FIELD DATA SHEET 1

Site Information:	(b) (c)
Occupant:	Interviewee:
Address: (b) (6)	IDGE CITY, LA
Phone No.: (b) (6)	(pager)
Owner Name, Address, and Phone No. if Different Than Occup (b) (6)  Call page	ant:
Site Description:	/
1) Description of property (circle): single home; luplex; vacant house; vacant lot; other	business; school; daycare; church;
2) Problems accessing yards (circle): locked gate; gate; resolution:	logs other
3) Underground utilities installed by owner? (circle): no; w septic tank; other  Note location on site sketch.	ater; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; no; dor If yes, note on site sketch. How deep?	n't know
Site Sketch:  GARAGE  ACM  62  HOUS  (5) (6)	NORTH
Estimated Volume of ACM: 16,07 4d3	
Comments:	rushed limestone
-	ul edging
Date/Time of Interview:	Access Granted (circle): yes; no
Team Members:	

TRACKING# 012

## CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

(b) (6)	
Property Owner's Name:	
Property's Address: (b) (6)	- BRIDGE CITY
State/Zip: Lousiana Phone Number(s):	/
Beeock	(b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

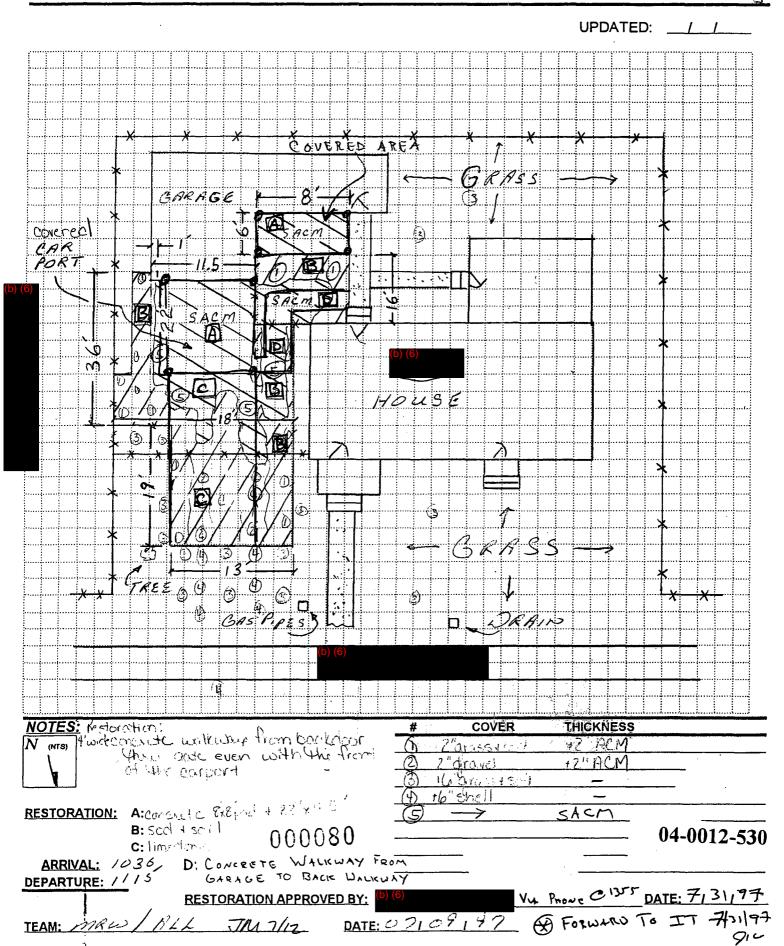
- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Activas amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9/12/90 DATÉ SIGNATURE

04-0012-520



#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION **USEPA START TEAM**

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		1	٠

SITE# Ø12 ADDRESS:

Bridge City, La

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 8 - 28 - 97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

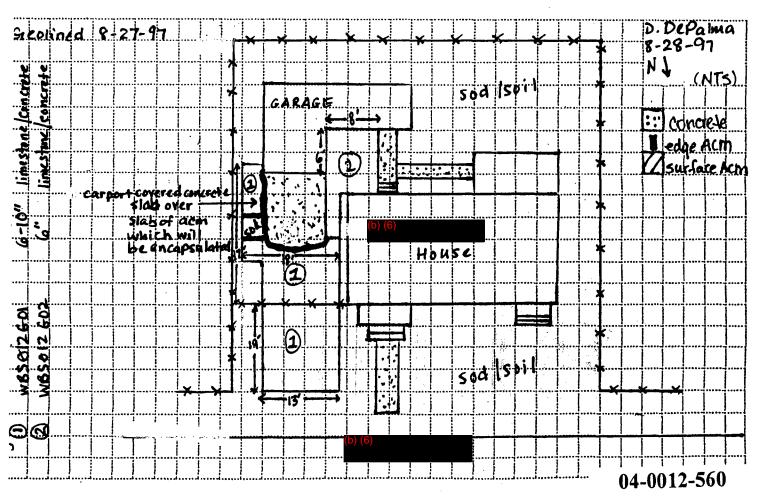
GRID#:

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8 7

A. PROCEED WITH RESTORATION: 🗸 🗸

B. FURTHER ACTION NECESSARY:



000081 AUTHORIZED EPA/START REPRESENTATIVE

Deena BePalm

### EMSL Analytical, Inc.

Attn.: Maggie Lin

**Ecology & Environmental** 11550 New Castle Avenue

Baton Rouge, LA 70816

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Friday, August 29, 1997

Ref Number: IN97946



#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method\*

Project: 020601 RAGI WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBE</u> %	STOS TYPE	%	<u>NONASBE</u> FIBROUS	 NONFIBROUS
was1333G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	2% Chr < 1% Cro				Quartz Other
WBS1333G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chr < 1% Cro	-	:		Quartz Other
WBS012G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chr	ysotile	: :		Quartz Olher
WB\$012G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chr	ysotile	,	,	Quartz Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

\* NY samples also analyzed by ELAP 198-1 Method

**Analyst** 

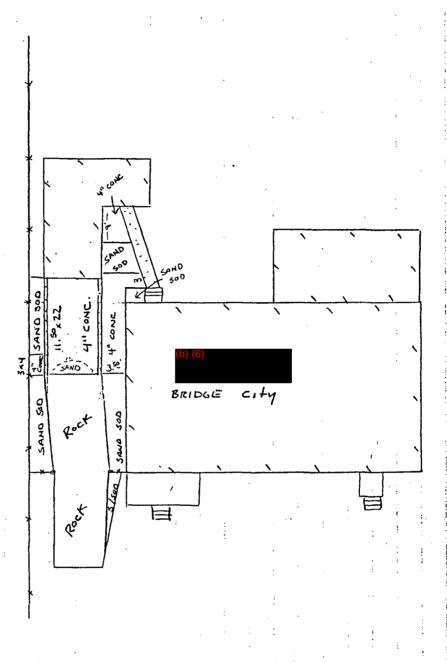
000082

Signatory

Disclaimers; PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP loop must contain at less Leboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered. performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

04-0012-570





04-0012-590

# WESTBANK ASBESTOS ABATEMENT

#### **RESTORATION FORM**

SITE#	012

Sod Installation (sq.yds.)    Concrete Installation (sq. yds.)   Concrete Installation (sq. yds.)   Concrete Installation (sq. yds.)   Concrete Installation (sq. yds.)   Concrete Installation (sq. yds.)   Concrete Installation (sq. yds.)   Concrete Installation (sq. yds.)   Concrete (cu.yds.)			•			1	, (	
Rock Installation (sq.yds.)  Sod installation (sq.yds.)  Sod installation (sq.yds.)  Some concrete installat		DATE	DATE	DATE	DATE			•
Sock Installation (sq.yds.)  Soci Installatio	_					EST.	ACTUAL	ACT.
Sod Installation (sq.yds.)  I'' Concrete Installation (sq. yds.)  Sand Installation (sq.yds.)  Some Lift Sand  Rock, Brown (cu.yds.)  Sand (cu.yds.)  Concrete (cu.yds.)  Plastic Edging (ft.)  Walkway Rock Inst. (sq.yds.)  Fopsoil (cu.yds.)  EXTRA	· r					QTY.	QTY.	COMP.
Concrete Installation (sq. yds.)  F' Concrete Installation (sq. yds.)  Gand Installation (sq. yds.)  Cower Lift Sand  Rock, Brown (cu.yds.)  Rock, Gray (cu.yds.)  Sand (cu.yds.)  Concrete (cu.yds.)  Plastic Edging (ft.)  Walkway Rock Inst. (sq.yds.)  Fopsoil (cu.yds.)  EXTRA	Rock Installation (sq.yds.)					SZ.ª	•	·
Concrete Installation (sq. yds.)   30.50   3	iod Installation (sq.yds.)					27 . <sup>SO</sup>		
Sand Installation (sq.yds.)  Sower Lift Sand  Rock, Brown (cu.yds.)  Rock, Gray (cu.yds.)  Sand (cu.yds.)  Concrete (cu.yds.)  Plastic Edging (ft.)  Walkway Rock Inst. (sq.yds.)  Fopsoil (cu.yds.)  EXTRA	i" Concrete Installation (sq. yds.)						-	
.ower Lift Sand  Rock, Brown (cu.yds.)  Rock, Gray (cu.yds.)  Sand (cu.yds.)  Concrete (cu.yds.)  Plastic Edging (ft.)  Walkway Rock Inst. (sq.yds.)  Fopsoil (cu.yds.)	i" Concrete Installation (sq. yds.)				·	39.≅		
Rock, Brown (cu.yds.)  Rock, Gray (cu.yds.)  Sand (cu.yds.)  Concrete (cu.yds.)  Plastic Edging (ft.)  Walkway Rock Inst. (sq.yds.)  Topsoil (cu.yds.)	Sand Installation (sq.yds.)					30. <u>°</u>		
Rock, Gray (cu.yds.)  Sand (cu.yds.)  Concrete (cu.yds.)  Plastic Edging (ft.)  Walkway Rock Inst. (sq.yds.)  Fopsoil (cu.yds.)	-ower Lift Sand					•		-
Sand (cu.yds.)  Concrete (cu.yds.)  Plastic Edging (ft.)  Walkway Rock Inst. (sq.yds.)  Topsoil (cu.yds.)  EXTRA	Rock, Brown (cu.yds.)							-
Concrete (cu.yds.)  Plastic Edging (ft.)  Walkway Rock Inst. (sq.yds.)  Topsoil (cu.yds.)  EXTRA	Rock, Gray (cu.yds.)					16.∞		
Plastic Edging (ft.)  Walkway Rock Inst. (sq.yds.)  Topsoil (cu.yds.)  EXTRA	Sand (cu.yds.)					10,∞		
Walkway Rock Inst. (sq.yds.) Topsoil (cu.yds.)  EXTRA	Concrete (cu.yds.)					4 50		
Topsoil (cu.yds.)  EXTRA	Plastic Edging (ft.)					·		
EXTRA	Walkway Rock Inst. (sq.yds.)							
<u> </u>	Topsoil (cu.yds.)							
Site Sketch on Back of Page	EXTRA							
		Site Ske	tch on B	ack of P	age			

COMMENTS:		
IT REPRESENTATIVE SIGNATURE		· .
SUB 1 SIGNATURE	-000084	
SUB 2 SIGNATURE		
magnification -	_	

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/3/98	(b) (6)
SITE# <u><b>Ф/2</b></u>	Brielge City
ACM LOCATED BENEATH:	HOUSE SHED
APPR. CRAWL SPACE HEIGTH	NA
DESCRIPTION OF ACM	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM)	0%
SKETCH OR COMMENTS:	
	no crawl space
ov a ble	
p one ride	
<i>'</i> '	
	n n

Team Members

BC/PL

noticely home call or revisit

Tracking Number	_0/3	á		
			 	_

#### FIELD DATA SHEET 1

1) Description of property (circle) single home; duplex; business; school; daycare; church; vacant house; vacant lot; other resolution:  3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch.  4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?  Site Sketch:  Dies Dies Sketch:	Site Information:	
Phone No.:  Character and Phone No. if Different Than Occupant:  Diffe	Occupant: Interviewee: (B) (6)	
Phone No.:    Charge Name Address and Phone No. if Different Than Occupant:	Address: BRIDGE CITY, L	<u>ار</u> ک
Site Description:  1) Description of property (circle): single home: duplex; business; school; daycare; church; vacant house; vacant lot; other  2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution:  3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch.  4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?  Site Sketch:  Site Sketch:  Estimated Volume of ACM: 13, 33 gd3  Comments: DOCKEN - Crushled Limestone Min 10/10/96  Wedging		
1) Description of property (circle): single home: duplex; business; school; daycare; church; vacant house; vacant lot; other  2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution:  3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch.  4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?  Site Sketch:    Ale D   Ale D   Ale D	(b) (6)	pager
vacant house; vacant lot; of ther  2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution:  3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch.  4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?  Site Sketch:  SHED  Charerette  Estimated Volume of ACM: 13,33 yd3  Comments: DOCKAW - Crushed limestone Mim 10/16/96  Wedging	Site Description:	
Tresolution:  3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch.  4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?  Site Sketch:    Converted   SHED   S		daycare; church;
Site Sketch:    Samp underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?   Site Sketch:    Shed   Sh		m
Estimated Volume of ACM: 13, 33 gd3  Comments: DOCKFILL - Crushed limestone mlin 10/16/16  Wedsing	septic tank; other	cable TV;
Estimated Volume of ACM: 13,33 gd3  Comments: DOCKFINI - Crushed limestone Min 10/16/16  Wedsing	If yes, note on site sketch. How deep?	
	Estimated Volume of ACM: 13, 33 yd3	v(9b
Team Members: & hooles / Dew Church		-
	Team Members: & hades / Dew Church	

TRACKING # 1013

## CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:

Property's Address: (5) (6)

State/Zip: LA 70094 Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

DATE

04-0013-520

SIGNATURE

UPDATED: \_\_/\_/ GARAGE GRASS OVER SACM HOUSE GARDEN ·(2) GRASS GAS NOTES: THICKNESS COVER 2"grass+ soil +2"ACM N (NTS) 16"0109" + 1011 RESTORATION: A: correred 10'x 72' Biscol soul remarker 000088 04-0013-530 ARRIVAL: 1336 DEPARTURE: 1415 VIA PHONE 6 1445 DATE: 81 1 197 **RESTORATION APPROVED BY:** TEAM: MRW/ALL JUT/12 DATE: 07109197 & FORWARD TO IT 8/2/97

#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

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000089

AUTHORIZED EPA/START REPRESENTATIVE

Deena DePalma

## EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn.: Maggie Lin

Ecology & Environmental 11550 New Castle Avenue Baton Rouge, LA 70816 Friday, August 22, 1997

Ref Number: 1N97885

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method\*

#### Project: 020601 RAGI WESTBANK ASBESTOS

			SAMPLE	ASBE	STOS		NONASBE	stos	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS013G01	(b) (6)	Brown Non-Fibrous	Crushed	* < 1% Chr	-	i			Quartz Other
		Homogeneous	· !						
WBS013G02		Brown	Crushed	< 1% Chr					Quartz Other
! !		Non-Fibrous Homogeneous		< 1% Cro	cidolite			20%	o Other
WBS821G01		Brown	Crushed	< 1% Chr	ysotile	1			6 Quartz
		Non-Fibrous Homogeneous		< 1% Cro	cidolite	!		20%	6 Other
WB5375G01		Brown	Crushed	2% Ch	rysotile			80%	√ Quartz
: 		Non-Fibrous Homogeneous		< 1% Cro	ocidolite		;	189	6 Other
W85007G01		Brown	Crushed	< 1% Cro	ocidolite				% Quartz
		Non-Fibrous Homogeneous	t	1		i		209	% Other
WBS007G02		Brown	Crushed	2% Ch	rysotile .			809	% Quartz
:		Non-Fibrous Homogeneous		< 1% Cro	ocidolite			189	% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

\* NY samples also analyzed by ELAP 198-1 Method

Margard Phillips Margaret Phillips Analyst

000090

Approved Signatory

04-0013-570



Disclaimers: PLM has been known to miss asbestoe in a small percentage of samples which contain esbestos. Thus negative Pl be guaranteed. Ploor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items to may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product an NVLAP not any approxy of the United States Government. All "NVLAP" reports with NVLAP for must contain at least one stope Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered semples. Analysis performed by EMSL of Indianapolits (NVLAP Air and Bulk #200188-0).

19-858-4800

Piscataway, NJ 908-981-0550

Carle Place, NY 516-997-7251

212-290-0052

Seattle, WA 203-233-9007 Ann Arbor, MI 313-668-6810

San Mateo, CA 415-570-5401

Smyrna, GA 404-333-6066 Greensboro, NC 910-297-1487

Houston, TX 713-686-3635



**Ecology & Environmental** 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Thursday, October 10, 1996

Ref Number: TX962394

#### PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

Project: WESTBANK ASBESTOS-REMOVAL SUPPORT

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	L.O.D. fib/cc	fibers/ mm²	fibers/cc
WBABC01	# 613	10/2/96	7286.40	12.5	100	0.0004	15.92	0.0008
WBABC02	H D13	10/2/96	7214.40	9.0	100	0.0004	11.46	0.0006
WBABC03	# 013	10/2/96	7238.40	14.0	100	0.0004	17.83	0.0009
WBABC04	#013	10/2/96	7276.80	15.5	100	0.0004	19.75	0.0010
WBAAL01	# 610/611	10/3/96	7252.80	13.0	100	0.0004	16.56	0.0009
WBAAL02	4610/611	10/3/96	7171.20	11.5	100	0.0004	14.65	0.0008

Steven Duhon **Analyst** 

000091

Approved Signatory

LOD = Limit of Detection. The method assumes the lowest detection concentration is 10 fibers/100 fields and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm² 04-0013-570 which is dependent on volume collected by non-laboratory personnel. Analysis performed by EMSL of Houston.



 By
 PM
 Date
 8-21-97
 Subject
 Restoration
 Site
 013
 Sheet No.
 of

 Chkd. By
 Date
 Proj. No.
 Proj. No.
 Proj. No.
 Proj. No.
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C"...CONCRETE BRIDGE 04-0013-590

000092

## WESTBANK ASBESTOS ABATEMENT

#### **RESTORATION FORM**

SITE# 013

•	•	i	•			1	
	DATE	DATE	DATE	DATE		•	
•					EST.	ACTUAL	ACT.
					QTY.	QTY.	COMP.
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od Installation (sq.yds.)					14.50		
Compacts Installation (on ode )					ይշ 😬		
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ınd Installation (sq.yds.)					14.50		
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ock, Gray (cu.yds.)							
and to a sada N					D 60		
and (cu.yds.)					8.9		-
oncrete (cu.yds.)					13.50		
41 29 4 3 474 5							
astic Edging (ft.)							-
alkway Rock Inst. (sq.yds.)							
/		<del></del>					
psoil (cu.yds.)							
XTRA				,			
	,		_				
	Site Ske	tch on B	Back of P	'age			
OMMENTS:							

REPRESENTATIVE SIGNATURE			
UB 1 SIGNATURE		04-0013-590	
UB 2 SIGNATURE	000093		

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 3/3/98 SITE# 0/3		A (6) (6)  Bridge (Ety , L)
ACM LOCATED BENEATH:	HOUSE SHED	
APPR. CRAWL SPACE HEIGTH	HA ( 18"	
DESCRIPTION OF ACM	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)	0 %	
SKETCH OR COMMENTS:		A CONTRACTOR OF THE CONTRACTOR
HON'S BLE		THE CASE AND A STATE OF THE STA
•		

Team Members

BOPPL

04-0013-540

#### FIELD DATA SHEET 1

Site Information:
Occupant: (b) (6)  - Adequate, Interviewee:
Address: (b) (6)
Phone No.: (6) (6)
Owner Name Address and Phone No. if Different Than Occupant:  (b) (6)  + wife - parents deceased
Site Description:
Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution:
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other  Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know  If yes, note on site sketch. How deep?
HOUSE HOUSE
72 32
Estimated Volume of ACM: 33,33 yd3
Comments: Concrete griveway / sail/sod beyond diversay.
check phone book for address
Date/Time of Interview: 15/13/94 16:50 Access Granted (circle): yes: no
Team Members: Klodes / cochell

## CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:
Property's Address:

State/Zip: A 70094 Phone Number(s):

Picients decement (b) (6)

Property Owner's Name:
Broye Cary La

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

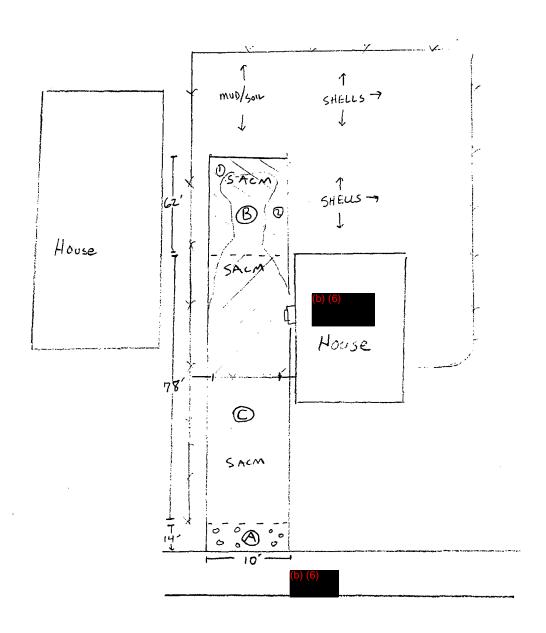
- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

12-13-96 DATE SIGNATURE

MTS



JUBURY 90% SACM

A Limestone
B Soil/SOD (transition?)

© concrete 9'+78

evaluate eneapsulation

Koely/ohm JW

Spoke w/owner apriores restored in

4" soil 3

\* Various large and Small items in driveway that need to be addressed. Call ahead of time to hove them moved.

000097

04-0014-530

#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:			
SITE#	014	ADDRESS:	
1		Bridge City	

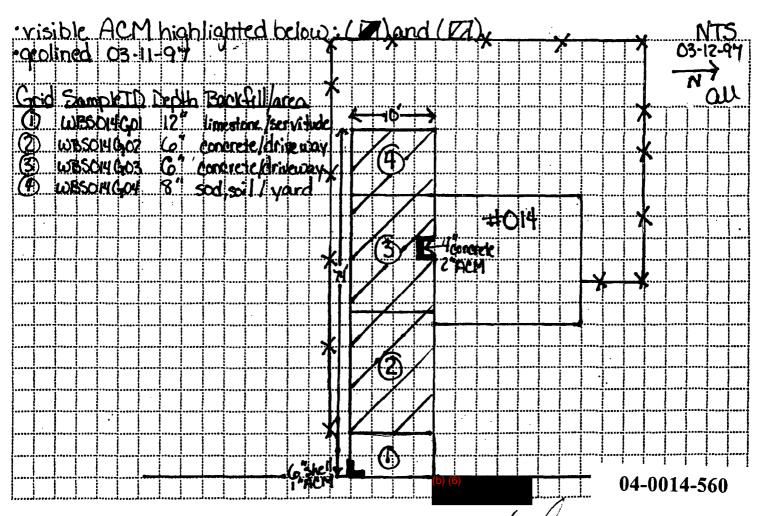
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON \_.

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION:  $\checkmark$   $\checkmark$   $\checkmark$   $\checkmark$   $\checkmark$  \_ \_ \_ \_

B. FURTHER ACTION NECESSARY:



000098
AUTHORIZED EPA/START REPRESENTATIVE <u>UMOUN</u>

amande Looner &

Grannabore, NC Bouston TX Smyrna, CA Ann Arbor, MI Ran Maton, CA Sentie, WA Carle Place, Ni 713 688-3634 910-297-1487 404-333-43968 415-570-6401 313-668-6810 212-250-0062 203-233-1007 £15.987.7751 BOB 96 ) 054D

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Thursday, March 13, 1997

Ref Number: TX97775

#### POLARIZED LIGHT MICROSCOPY (PLM)

**Project: WESTBANK ASBESTOS** 

			SAMPLE	ASBE	SIOS		NONASBE	stos	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROU\$	%	NONFIBROUS
WBS571 G06		Brown Non-Fibrous Homogeneous	Teased	2% Chr < 1% Cr6	-			98%	6 Other
WBS014 G01		Brown Non-Fibrous Homogeneous	Teased	5% Ch < 1% Cr	ocidajye Wasoppe			95%	6 Other
WBS014 G02		Brown Non-Fibrous Hornogeneous	Teased	< 1% Ch	rysotil <b>a</b> :			100%	% Other
WBS014 G03	i i	Brown Non-Fibrous Homogeneous	Téaséd	: < 1% Ch	rysotile			100%	& Other
WBS014 G04		Brown Non-Fibrous Homogeneous	Teased	: No	one Detected			100%	6 Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each emponent is analyzed separately Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Sàlinas **Analyst** 

000099

Approved Signatory

04-0014-570



Disclaimers: PLM has been known to mise asbestos in a small percentage of samples which contain asbestos. Th purportised. Floor tiles and wipes should be rested with either 8EM or TEM. The above test report relates only to I only be reproduced in full with wither approval by EMSL. The above test must not be used by the client to cleim purport any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Less plus, is not responsible for the accuracy of results when requested to physically separate and analyze layered eamples

Bonates, 1X Greensbern, MC Smyras, 64 Ann Arbor, Mi San Hatma, CA Josttia, WA Manhattan, HT Placateway, W 718-686-3638 910-297-1487 415-670-5401 @1773-60M 313-604-4818 212-200-0062 2012-223-8007 105.961.0554 616-007-7251

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Friday, March 14, 1997

Ref Number: TX97788

#### PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

Project: 020601 WESTBANK ASBESTOS

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	L.O.D. fib/cc	fibers/ mm²	fibers/cc
WBA014LF	(b) (6)	3/11/97	1141.20	5.5	100	0.0024	7.01	0.0024

Steven Duhon **Analyst** 

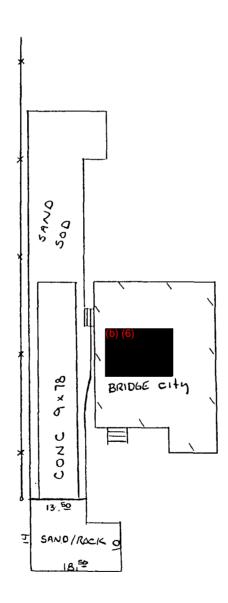
000100

Approved Signatory

LOD = Limit of Detection. The method assumes the lowest detection concentration is 10 fibers/100 fields and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/co. Which is dependent on volume collected by non-leboratory personnel. Analysis performed by EMSL of Houston.

04-0014-570





04-0014-590

## WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORI	R	ES	TO	RA	TIC	NC	FO	RI
------------------	---	----	----	----	-----	----	----	----

SITE# 014

		DATE	DATE	DATE			
	DATE.				EST.	ACTUAL	ACT.
	RATE				QTY.	QTY.	COMP.
Rock Installation (sq.yds.)	\$6.84/sy				ZG. 50		
Sod Installation (sq.yds.)	\$5.15/sy				143.00		
6" Concrete Installation (sq. yds.)	\$30.10/sy				78.≌		
4" Concrete Installation (sq. yds.)	\$26.40/sy						·
Sand Installation (sq.yds.)	\$4.15/sy				149.00		
Lower Lift #1	\$1.16/sy						
Lower Lift # 2	\$1.16/sy						
Lower Lift #3	\$1.16/sy						
Rock, Brown (cu.yds.)	\$20.50/cy						
Rock, Gray (cu.yds.)	\$29.00/cy				<u>%</u>		
Sand (cu.yds.)	\$12.70/cy				30.°°		
Concrete (cu.yds.)	N/A		·		13.∞		
Plastic Edging (ft.)	\$1.65/ft						
Walkway Rock Inst. (sq.yds.)	\$9.12/sy						
Topsoil (cu.yds.)	\$21.00/cy						
	Site Ske	etch on B	ack of F	Page			

COMMENTS:		
		.;
	04-	0014-590
IT REPRESENTATIVE SIGNATURE	000102	
NOLA REPRESENTATIVE SIGNATURE	000102	

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/3/98 SITE# <b>0</b> /9	Bridge lit, LA
ACM LOCATED BENEATH:	HOUSE
APPR. CRAWL SPACE HEIGTH	/o "
DESCRIPTION OF ACM	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM)	
SKETCH OR COMMENTS:	
NONE	

Team Members

fl. /PL

Tracking Number_	014
Tracking runner _	<u> </u>

#### FIELD DATA SHEET 1

Site Information:

Occupant: (b) (6) Interviewee: (b) (6)
Address: (b) (6)
Phone No.:
Owner Name Address and Phone No. if Different Than Occupant:  Same  (b) (6)  (b) (6)  GH H H H H
Site Description:
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution:
3) Underground utilities installed by owner? (circle): no, water; gas; electric; cable TV; septic tank; other
4) Is any underground ACM present? (circle): yes; no; don't know  If yes, note on site sketch. How deep?
Site Sketch:  SHED  NORTH  HOUSE
X X X X X
Estimated Volume of ACM: 17.78 yd3
Comments: Crushed Limestone
Date/Time of Interview: 1604 11/4/96 Access Granted (circle): ves, no
Team Members: GO / MH 04-0015-516

## CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

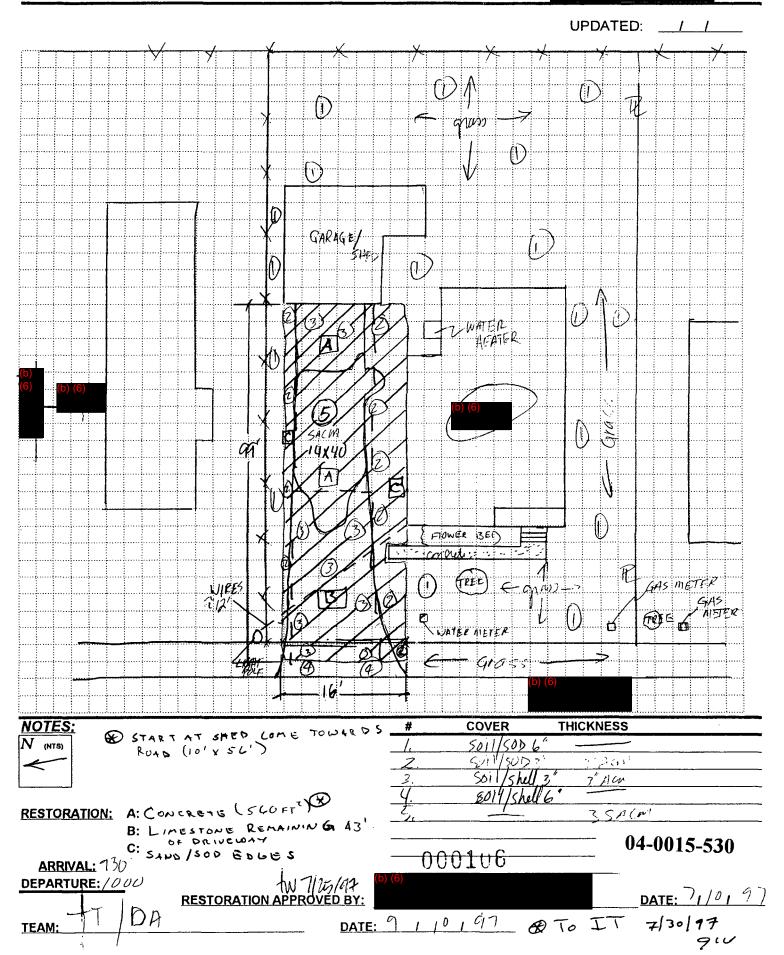
I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

11-4-1996

**SIGNATURE** 





#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:		
SIT <b>E#</b> _	Ø15	ADDRESS:  Boly Cry, La.

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON \_\_\_\_\_\_

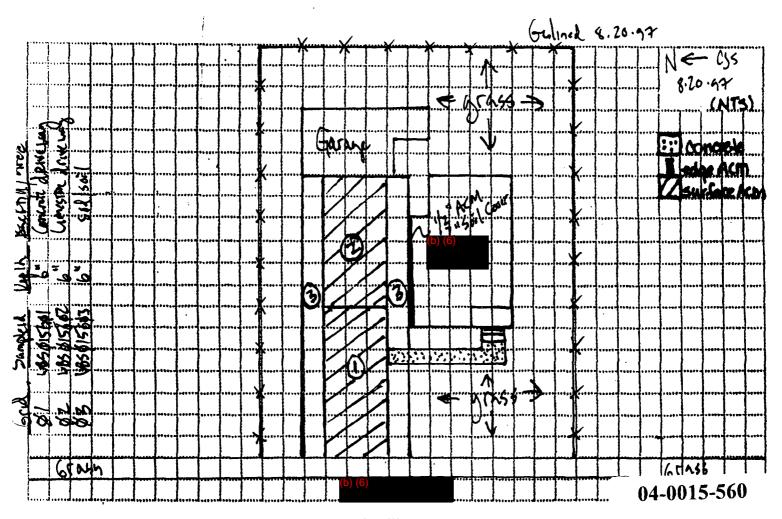
MASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2

A. PROCEED WITH RESTORATION:  $\sqrt{\phantom{a}}$ 

3 4 5 6 7 8

B. FURTHER ACTION NECESSARY:



000107 AUTHORIZED EPA/START REPRESENTATIVE

Deena PlPalma

## EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn.: Maggie Lin

Ecology & Environmental 11550 New Castle Avenue Baton Rouge, LA 70816 Friday, August 22, 1997

Ref Number: IN97885

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method\*

Project: 020601 RAGI WESTBANK ASBESTOS

				ASBÉ	STOS		<u>NONASBI</u>	STO\$	
ŞAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	%	TYPE	%	FIBROUS	<b>%</b>	NONFIBROUS
WBS007G03	o) (6)	Brown	Crushed	< 1% Chi	ysotile	j			Quartz
•		Non-Fibrous	; :	< 1% Cro	cidolite	: !		20%	Other
•		Homogeneous	ļ	-		!			
					411	•		80%	o Quartz
WB\$187G01		Brown	Crushed	. < 1% Ch	-	•			Other
!		Non-Fibrous	i	4 1% Cro	CIGOIICE	1			o Omer
1		Homogeneous	!			•			
·									
WBS193G01		Brown	;Crushed	< 1% Ch	•	i			6 Quartz
		Non-Fibrous Homogeneous		< 1% Cr	ocidolite	•		209	6 Other
1									
WBS015G01		Brown	Crushed	i No	ne Detected	:			6 Quartz
1		Non-Fibrous		i			;	20%	% Other
		Homogeneous	i	İ					
i <u></u> .			•			. <u>!</u>			
WBS015G02		Brown	Crúshed	No	one Detected			809	% Quartz
		Non-Fibrous							% Other
1		Homogeneous	:						
			· · · · · · · · · · · · · · · · · · ·	<u></u>	<u></u>				
WBS015G03		Brown	Crushed	< 1% CI	 nrysotil <del>e</del>		•	804	% Quartz
		Non-Fibrous		< 1% C	ocidolite			20	% Other
1	t	Homogeneous	:			•			

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

" NY samples also analyzed by ELAP 198-1 Method

Mayaret 3. Phillyso Margaret Phillips, Analyst

000108

Approved Signatory

04-0015-570



Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus r be guaranteed. Floor tiles and wipes should be leated with either SEM or TEM. The above test report relates only to 8 may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim: NVLAP nor any agency of the United States Government. All TNVLAP reports with nVLAP loop must contain at least Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered a Analysis performed by EMSL of Indianacolis (N)(AP Air and Rulk #200188-0).



1
ノ

By \_PM \_\_ Date \_\_\_\_\_ Subject \_\_ Restoration site # 015 \_\_\_\_ Sheet No. \_\_\_\_ of \_\_\_\_\_\_ Chkd. By \_\_\_\_ Date \_\_\_\_\_ \_\_\_\_ Proj. No. \_\_\_\_\_\_

> 6" CONCRETE 10160 BRIDGE CITY ROCK

> > 04-0015-590

000109

# WESTBANK ASBESTOS ABATEMENT

SUB 2 SIGNATURE

RF.	STO	RA	TIO	N	FO.	RI
, ,	-					

SITE# 015

•	•	į	1			1			
	DATE	DATE	DATE	DATE					
					EST.	ACTUAL	ACT.		
					QTY.	QTY.	COMP.		
ock installation (sq.yds.)					43.⁰				
od Installation (sq.yds.)		· <u>, , , , , , , , , , , , , , , , , , ,</u>			56.5º				
' Concrete Installation (sq. yds.)					67.°°				
' Concrete Installation (sq. yds.)		***							
and Installation (sq.yds.)					56.50				
ower Lift Sand					67.00				
ock, Brown (cu.yds.)									
ock, Gray (cu.yds.)		<del></del>			14.99		<u> </u>		
and (cu.yds.)					24.∞				
oncrete (cu.yds.)					. 11.00				
lastic Edging (ft.)		·							
l Valkway Rock Inst. (sq.yds.)									
opsoil (cu.yds.)									
EXTRA									
	Site Ske	tch on E	Back of P	age					
COMMENTS:	***************************************	· · · · · · · · · · · · · · · · · · ·					·		
		······································			***************************************				
T REPRESENTATIVE SIGNATU	JRE		30110			15-590 <sup>—</sup>			
SUB 1 SIGNATURE		Ut	00110		U7-UU	04-0015-590			

1

# WESTBANK ASBESTOS REMOVAL PROJECT MEW ORLEANS, LA

DATE: 8/3/18 SITE #	Budge City, L.
AOM LOCATED BENEATH:	HOUSE SHED
APPR. CRAWL SPACE HEIGTH  DESCRIPTION OF ACM	CHUNKS POWDER SLAB
PERCENT OF AREA (AOM)	
NONE JEST BLE	

Team Members

BC/PL

04-0015-540

016

- No one home 11/1/16 - No one home 14/15/12/2 - No body home 14/15/12/2 lift who to sorphome

#### FIELD DATA SHEET 1

**Site Information:** Occupant: Interviewee: Address: Phone No.: Owner Name Address and Phone No. if Different Than Occupant: MOTHER'S HOUSE Site Description: 1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other 2) Problems accessing yards (circle): locked gate; (gate: dogs; resolution: 3) Underground utilities installed by owner? (circle): no; electric; cable TV; water; septic tank; other Note location on site sketch. 4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep? Site Sketch: NORTH HOUSE ACM Estimated Volume of ACM: Comments: 10/19/94 - Ocener no + Nome K5/KR 2/10/97 1500 Access Granted (circle): Date/Time of Interview: Team Members: 6WK

## CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owne	er's Name:	(6)				 
Property's Add	(h) (6)		16/	estwear	LA	
State/Zip:	70094 PI	none Number	r(s):	0		

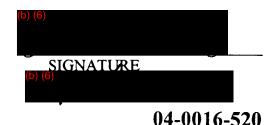
I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

2-10-97 DATE



Briely City

M.

TRACKING # 0/6

SITE SKETCH

ADDRESS:

UPDATED: GRASS CONCEETE WIFER METER 14×100 court DRIVING ponc.H. (11) NOTES: COVER **THICKNESS** 501/500 6" N (NTS) Soi/(00 3" 3° A(W RESTORATION: A: LIMESTIME
B: 501/50D 000114 04-0016-530 ARRIVAL: 900 DEPARTURE:936 TW 1/25/97
RESTORATION APPROVED BY: Shone) DATE: 8/18/97 TO IT 8/18 10,57 DATE:

### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION **USEPA START TEAM**

FYI:	
SITE# 016	ADDRESS: (b) (6)
•	Bridge City, La

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON no analytical as of 8-25-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

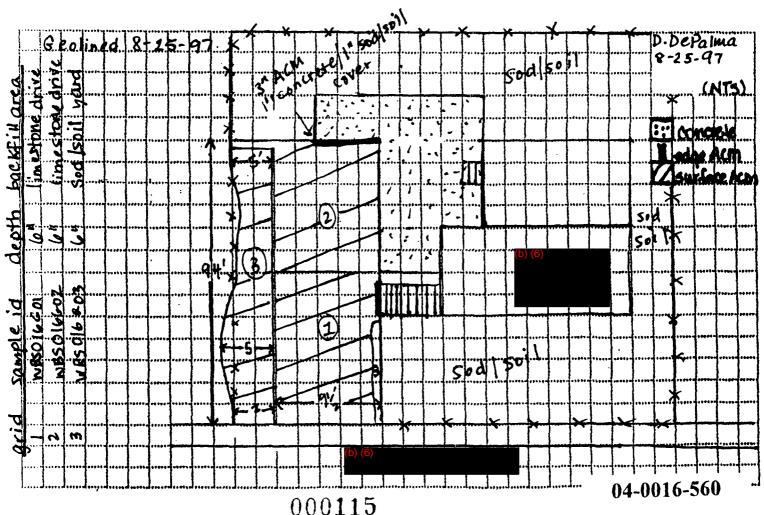
GRID#:

2

3

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:



AUTIORIZED EPA/START REPRESENTATIVE \_\_\_

Deena Detalm

## EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Maggie Lin

**Ecology & Environmental** 11550 New Castle Avenue Baton Rouge, LA 70816

Wednesday, August 27, 1997

Ref Number: IN97909

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method\*

Project: 020601 RAGI WESTBANK ASBESTOS

Sample	LOCATION	APPEARANCE	Sample Treatment	ASSESTOS % TYPE	*	NONASBESTO: FIBROUS %	_
NBS794G01	(b) (6)	Brown	Crushed	< 1% Chrysotile		40	% Quartz
		Non-Fibrous		< 1% Crocidolite	1	60	% Other
		Homogeneous	:	j			
WB879 <b>4G03</b>		Brown	Crushed	< 1% Chrysotile		40	% Quartz
		Non-Fibrous		< 1% Crockdolite			% Other
		Homogeneous	•			ł	
NBS784G04		Brown	Crushed	< 1% Chrysotile		40	% Quartz
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Non-Fibrous	Organica	< 1% Cracidalite			% Other
		Homogeneous					
			.l	·			
WB8016G01		Brown	Crushed	< 1% Chrysottle			% Quartz
		Non-Fibrous		< 1% Crocidoike	į	60	% Other
		Homogeneous	· :				
VB\$016G02		· Brown	Crushed	< 1% Chrysotile		40	% Quartz
		Non-Fibrous		·	Ì	60	% Other
		Homogeneous					
			; , .	1			•
WB5018G03		Brown	Crushed	< 1% Chrysotile			7% Quartz
		Non-Fibrous	i	< 1% Crocidolite		20	% Other
	<u> </u>	Homogeneous			1		

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

1 NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski **Analyst** 

000116

Approved Signatory

04-0016-570



Disclaimers; PLM has been known to miss sebestos in a small percentage of samples which contain asbasios. Thus it be guaranteed. Floor tiles and wipes should be tested with either 8EM or TEM. This above test report relates only to it may only be reproduced in Jul with written approved by EMSL. The above test must not be used by the ottent to death product an automatically only be reproduced in Jul with written approved by EMSL. The above test must not be used by the ottent to death product an analysis may agree or what contains at level or eigensture to be valid. Lebonstory is not responsible for the socuracy of results when requested to physically separate and analysis layered samples.

Analysis performed by EMSL of Indianapolic (NVLAP Air and Bulk st200185-0).



> ROCK SAND ROCK

> > 04-0016-590

000117

SUB 1 SIGNATURE

SUB 2 SIGNATURE

REST	ro	RA	TIO	Ν	FO.	RN	1
1140	-		IIV	1 A			ı

SITE# 016

	DATE	DATE	DATE	DATE		•		
		27116			EST.	ACTUAL	ACT.	
• 1				·	QTY.	QTY.	COMP	
ock Installation (sq.yds.)		<del></del>			116.00			
od Installation (sq.yds.)					Z8. <u>≈</u>			
" Concrete Installation (sq. yds.)		<del></del>				-		
" Concrete Installation (sq. yds.)								
and Installation (sq.yds.)					28'zō			
ower Lift Sand					·	·		
Rock, Brown (cu.yds.)								
cock, Gray (cu.yds.)		<del></del>			36,∞			
and (cu.yds.)					10.5			
oncrete (cu.yds.)					,			
lastic Edging (ft.)								
Valkway Rock Inst. (sq.yds.)								
opsoil (cu.yds.)								
EXTRA								
	Site Ske	etch on E	Back of P	'age				
COMMENTS:								
				· · · · · · · · · · · · · · · · · · ·			<u></u>	
T REPRESENTATIVE SIGNATU	IRE				·	04.0016.5	on <sup></sup>	
SUB 1 SIGNATURE		000119 04-00			U4-UU10-5	-0016-590		

# WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>8/9/98</u> SITE# <u><b>0/6</b></u>	Bridge (ily, LA
ACM LOCATED BENEATH:	HOUSE
APPR, ORAWL SPACE HEIGTH	18*
DESCRIPTION OF ACM	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM)	
NOWE SERVE	

Team Members

BePL

04-0016-540

Tracking Number	017
Tracking Number	$\mathcal{O}_{I}$

#### FIELD DATA SHEET 1

Site Information:
Occupant: (b) (6)  Interviewee: (b) (6)
Address: (b) (6)  Budge City: LA
Phone No.:
Owner Name Address and Phone No. if Different Than Occupant: (b) (6) (b) (6)
Site Description:
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other
3) Underground utilities installed by owner? (circle): water; gas; electric; cable TV; septic tank; other Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?
Site Sketch:  HOUSE  Worm  Norm  DEIVENNY  NORM
Estimated Volume of ACM:
comments: Crushed limestone Has Acm under shed. He will har down shed. To ign Rib muin
Date/Time of Interview: Access Granted (circle): yes; no
Team Members:

TRACKING# 017

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name	e: <sup>(b)</sup> (6)	
Property's Address:	(b) (6)	, Bridge City
State/Zip4 <u>70094</u>	Phone Number(s): (b) (6)	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-12-96 DATE SIGNATURE

04-0017-520

acu

SITE SKETCH TRACKING # 017 ADDRESS: UPDATED: \_\_ / / SHED (1)(1) Flower By Grass Nata E PRAIN gras NOTES: COVER **THICKNESS** RESTORATION: A: Ligu And 04-0017-530 000122 C: ARRIVAL: 331) tw7/25/97 DEPARTURE: 430 **RESTORATION APPROVED BY:** DATE: 7 / 11 / 97 TEAM: TY/DA 7/30/97

## WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

SITE# Ø17 ADDRESS: (b) (6)	
Bridge City,	La.
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE WERE EVALUATED BY THE USEPA START TEAM ON	RECEIVED AND
BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND	THE FOLLOWING
ACTION: GRID#: 1 2 3 4 5 6	7 8
A. PROCEED WITH RESTORATION: $\sqrt{\ }$	
B. FURTHER ACTION NECESSARY:	
Grid Smarked Pepth Backfillarea Geolinea	£ 27.82
Grid Tampkid Vepth Backfillared Geolined Geolined	N/CJS
02 194019692 6-10" Linestone 1 1 Stell 1	8.22.97
	(NT3)_
	:: Concele
	Ladae ACD
	ACD
53 1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
6 CA65 - 10 (6) (6)	ra33
	04-0017-560
000123 AUTHORIZED EPA/START REPRESENTATIVE DOLLA DEPA	

## EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn.: Maggie Lin

Ecology & Environmental 11550 New Castle Avenue Baton Rouge, LA 70816 Tuesday, August 26, 1997

Ref Number: IN97900

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method\*

Project: 020601 RAGI WESTBANK ASBESTOS

			\$AMPLE	ASDE	#TOS		NONASB		
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	*	NONFIBROUS
WBS674G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	5% Chr 2% Cro	~	; 			Quartz Other
WB8874G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chi < 1% Cro					Quertz Other
WB8017Q01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chi < 1% Cro	•				Quartz Other
WB8017G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chi	rysotlie	:		• • •	Quartz Other
WB5962G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch < 1% Cr	-				Quartz Other
WB8193G02		Brown Non-Fibrous Homogeneous	Crushed	No	ne Detected				Quartz Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

\* NY semples also analyzed by ELAP 198-1 Method

Jane Wasilewski Analyst

000124

Approved Signatory

04-0017-570



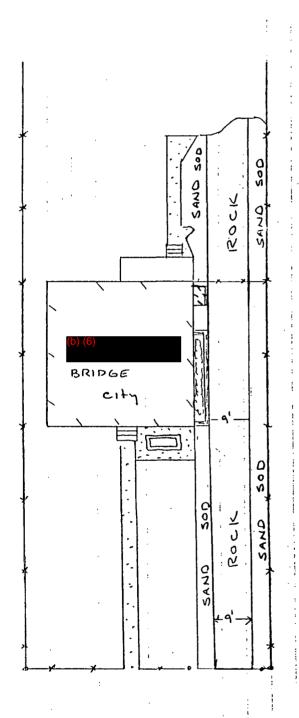
Discigliners: PLM has been known to mise asbeetoe in a small percentage of samplet which contain sebestos. Thus negative Pt be guaranteed. Floor tiles and wipes should be tested with either BEM or TEM. The shows test report relates only to the items to may only be reproduced in full with written approval by EMSL. The shows test must not be used by the client to claim produced an NVLAP ner any agency of the United States Government, All "NVLAP" reports with NVLAP (logo trust contain at least one signat Laboratory is not responsible for the accuracy of results when requested to physically separate and analysis layered samples. Analysis performed by EMSL of Indianapolite (NVLAP Air and Built \$200198-0).



By <i>PN</i>	7 Date 8-22-97	_Subject <i>[</i> 6	RESTORATION	site	<del>*</del> 017	Sheet No	_of
Chkd By	Date					Proi. No.	

RESIDENT REQUESTED ONE DAY NOTICE PRIOR TO RESTORATION TO MAKE ARRANGEMENTS FOR DOGS.





04-0017-590

# WESTBANK ASBESTOS ABATEMENT

KESTUKA	HUIV	FUKIV
---------	------	-------

SITE#	017

·	DATE	DATE	DATE	DATE			·
					EST.	ACTUAL	ACT.
· r					QTY.	QTY.	COMP.
Rock Installation (sq.yds.)					120.50		
3od Installation (sq.yds.)					89.52		
i" Concrete Installation (sq. yds.)					•		
I" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					89 · 5 <u>0</u>		
_ower Lift Sand					,		
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					40.00		
Sand (cu.yds.)					32.∞		
Concrete (cu.yds.)					40.°°		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)					•		
Topș′oil (cu.yds.)							
EXTRA							

## Site Sketch on Back of Page

COMMENTS:		
IT REPRESENTATIVE SIGNATURE		
SUB 1 SIGNATURE		04-0017-590
SUB 2 SIGNATURE	000126	

Tracking Number	018	
-----------------	-----	--

#### FIELD DATA SHEET 1

	Site Information:			
	Occupant: in nursing hom	۹	Interviewee: (b) (6)	
	Address: (b) (6)	Budge (	ety, LA	/
	Phone No.: disconnected		0 7	
o) (6)	Miserael Phone No. if D	iff (5) (6) Then Occupat	m ( )	ر نو <u>)</u> کار نوا
nuching	(b) (6) - declased nursing home	<u>u</u>	, , , , , , , , , , , , , , , , , , ,	Harala
	Site Description:		<u> </u>	
	Description of property (circle): single vacant house; vacant lot; other	e home; duplex; l	business; school; daycare;	church;
	Problems accessing yards (circle): lock resolution:	ked gate; gate; do	gs; other	
	3) Underground utilities installed by owner septic tank; other  Note location on site sketch.	? (circle): 🙉; wal	ter; gas; electric; cable T\	7;
	4) Is any underground ACM present? (circle If yes, note on site sketch. How deep?		t know	
	Estimated Volume of ACM: 16, 3  Comments: Backfull:	,,		NORTH
	Comments: Backfull:	coushed call be	limestone force removal	
	Date/Time of Interview: 1950	Es	Access Granted (circle): (yes;	no
	Team Members: \( \subseteq \subseteq \subseteq \)			

#### **CONSENT FOR ACCESS TO PROPERTY** WESTBANK ASBESTOS SITE

Property Owner's Name:	(b) (b)		
Property's Address: (b) (6)		Westwero	La.
State/Zip:	Phone Number(s):		

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and a. trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - Replacement of removed asbestos-containing material with a like-material (i.e., clean C. fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - The taking of other actions necessary to mitigate releases or threats of releases of e. hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-11-96 DATE

SIGNATURE ( signed for her by her niece.

04-0018-520

000128

TRACKING # 018 SITE SIKETCH ADDRESS:



		UPDATED://
		$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	D SHEL	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	- 1 (b) (A)	47 00 V
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(b) (6)	76 (D) 75	(b) (6) (C) (C) (C) (C) (C) (C) (C) (C) (C) (C
		A Cter
		Q on worker 10 5 0 0
	/ * [ \	(6) (6)
NOTES: N (NTS)	OWNER REQUEST  ALL CARES SAW/SOD  (150) + 25 × 13 SAWP/SOD	# COVER THICKNESS    SOI   SOD 6"
- 11 11 31 31 3 7 1 1 1 C	NO GRAVEL	04-0018-530
DEPARTURE: 845 TEAM: T DA	RESTORATION APPROVED BY:  DATE:	By Prox DATE: 816197

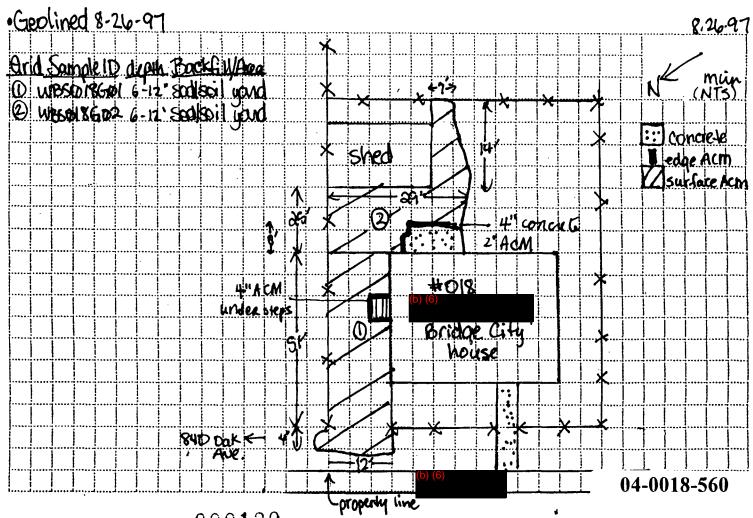
### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:	
SITE# OI&	ADDRESS:
	totaun Bridge City, LA

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2 4 5 6 7 8

A. PROCEED WITH RESTORATION:  $\sqrt{\phantom{a}}$ B. FURTHER ACTION NECESSARY:



AUTHORIZED EPA/START REPRESENTATIVE Ume 7. Rollers

## EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

ust 29, 1997

Attn.: Deena DePalma Ecology & Environmental 11550 New Castle Avenue Baton Rouge, LA 70816

Friday, August 29, 1997

Ref Number: IN97945

### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method\*

Project: 020601 RAGI WESTBANK ASBESTOS

	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u> </u>	STOS TYPE	*	<u>NONASBI</u> FIBROUS	estos %	NONFIBROUS
SAMPLE .WBS018G01	LOCATION (b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chr < 1% Cro	yeotile				Quartz Other
WBS018G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chr	ysotlie	; ; ;			Quartz Other
WBS694G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chr	•	!			6 Quartz 6 Other
WBS694G02		Brown Non-Fibrous Homogeneous	Crushed	2% Ch < 1% Cro	rysotile ocidolite	! !	,		6 Quartz 6 Other
WBS1045G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch	=	:			6 Quartz 6 Other
WBS1045G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch	-				% Quartz % Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Jane Wasilewski , Analyst

000131

Approved Signatory

Discialmers, PLM has been known to miss asbeetos in a small percentage of samples which contain asbestos. Thus be guaranteed. Ploor tiles and wipps should be tested with either SEM or TEM. The above test report relates only to may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to clair NVLAP nor any agency of the United Stees Government. All "NVLAP reports with NVLAP logo must contain at leaboratory is not responsible for the accuracy of results when requested to physically separate and enalyze layered tenders performed by EMSL of technological (NM AV air and Butk 2001R8-1).

04-0018-570

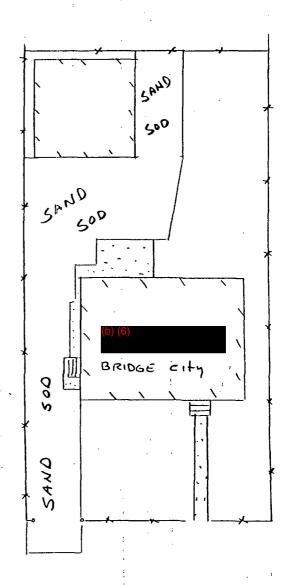
3



<sup>\*</sup> NY samples also analyzed by ELAP 198-1 Method



Ву	Date <u>8-28-97</u>	_Subject_	RESTORATION	SITE #	018	Sheet No	_of
Chkd By	Date					Proj No	



04-0018-590

# WESTBANK ASBESTOS ABATEMENT

SUB 2 SIGNATURE

#### **RESTORATION FORM**

SITE# OI8

	D. 4 1	, 	DATE 1	D. 4 TP	•	T	•
	DATE	DATE	DATE	DATE	EST.	ACTUAL	ACT
					QTY.	QTY.	COMF
Rock Installation (sq.yds.)						·	
Sod Installation (sq.yds.)					153.**		
6" Concrete Installation (sq. yds.)					-		
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)			:		153."		
Lower Lift Sand					·		
Rock, Brown (cu.yds.)						<del></del>	
Rock, Gray (cu.yds.)							ļ
Sand (cu.yds.)					48.50		ļ. <u></u>
Concrete (cu.yds.)							
Plastic Edging (ft.)							
; Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	etch on E	Back of F	age			
COMMENTS:				The second second second second second second second second second second second second second second second se			
	· · · · · · · · · · · · · · · · · · ·					**************************************	
	<del> </del>		<del></del>				
IT REPRESENTATIVE SIGNATU	IRE		·····			0.4.0045	
SUB 1 SIGNATURE						04-0018-5	590

# WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>8/3/98</u> SITE# <u>@/8</u>	Bridge City, C
AOM LOCATED BENEATH:	HOUSE SHED
APPR, CRAWL SPACE HEIGTH	12 "
DESCRIPTION OF ACM	CHUNKS POWDER SLAB
PERCENT OF AREA (AOM)	
Non Jisi BLE	

Team Members

BC/PL

Tracking Number	019

#### FIELD DATA SHEET 1

Site Information:	
Occupant: (b) (6) (c) (b) (6)	Interviewee:
Address:	Vestivego / A
Phone No.: (b) (6)	.0 '
Owner Name Address and Phone No. if Different Than (b) (6)	Decupant. The owner
Site Description:	,
1) Description of property (circle): single home, dup vacant house; vacant lot; other	lex; business; school; daycare; church;
Problems accessing yards (circle): locked gate; gat resolution:	e; dogs; other <u>NO</u>
3) Underground utilities installed by owner? (circle): no septic tank; other ACMLTUNE WOOD Note location on site sketch.	o; water; gas; electric; cable TV; red up/away from diweway area
4) Is any underground ACM present? (circle): yes; no:  If yes, note on site sketch. How deep?	don't know
Site Sketch:	
	MORTH
•	HOUSE
10415	
(6)	0 (6)
Estimated Volume of ACM: 2, 78 yd <sup>3</sup>	
Comments: BACKFILL; CONC	RETE
Date/Time of Interview: /2/12/96 ///0	Access Granted (circle): yes; no
Team Members: WH BY PHONE	

7K4CKINO#1919

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

(b) (6)		
Property Owner's Name:		
Property's Address: (b) (6)		
State/Zip: Westweco, LA Phone Number(s):_	(b) (6)	
10000		 

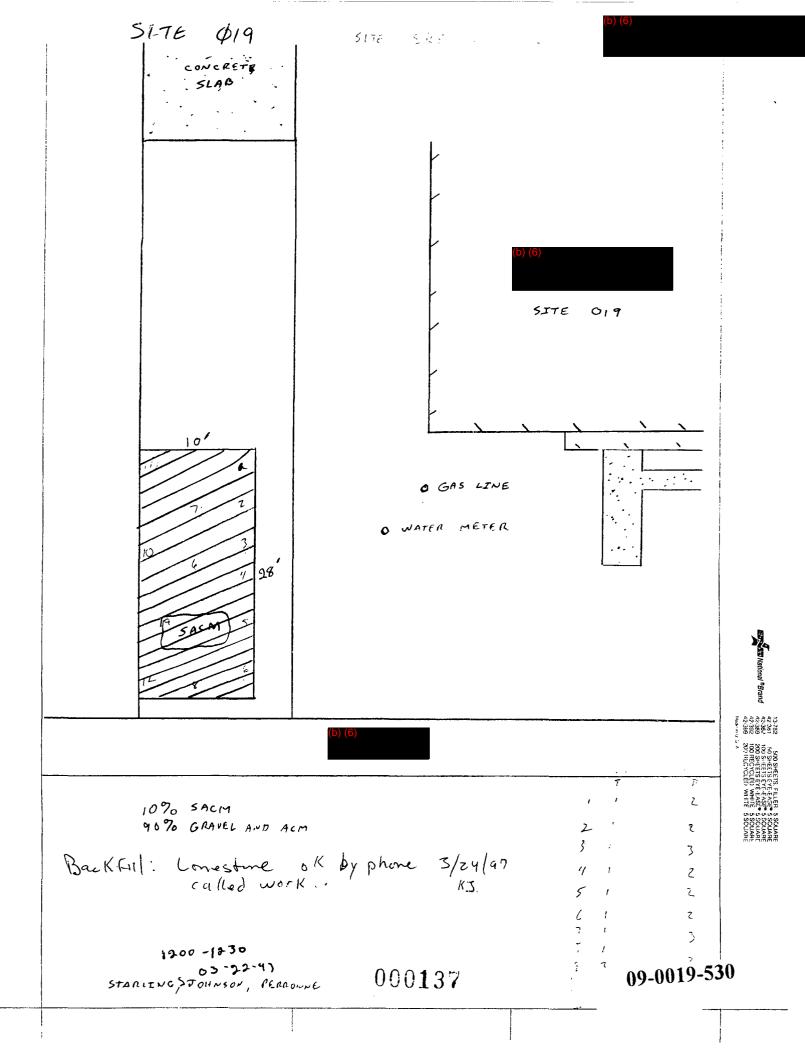
I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-16-96 DATE SIGNATURE



## WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION **USEPA START TEAM**

YI:											
ITE	3#	Ø19				ADD	RESS:	b) (6)			
•				-			- <b>-</b>	Westn	sego,	LA	<u> </u>
ERJ	E EV	ALUATI	ED BY TH	E USEPA S	TART TEA	AM ON	No A	NALY-	MCAL.	RESUL	IVED AND
SE TI	ED OI ON:	N AN EV	'ALUATIC	N OF THE	ANALYT	ICAL D	RECE ATA, W	I <b>VED</b> E RECO	AS OF MMEND	• <b>04-0</b> • THE FO	3-97 BA
				GRID#:	1 2	-	3	5	6	7 8	
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		•									
FĮ	JRTF)	IER ACT	TON NEC	ESSARY:					<del></del>	>	•-
<u>/                                    </u>	sibl	e ACN	1 after	ex cavat	ion hig	hligh	yed by	low q	s : ( /Z	)	N - 7
V I	sibli eoli	ned a	1 after 04.03.	ex cavat	ion hig	hligh	yed bu	low G	s:(Ø	)	N - 7
210	5 <i>A</i>	MPLE IO	DEPTH		ion hig	hligh	ted be	low g	s : ( Ø	)	
210 D	Sa WBS	MPLE 10 0/940 j	<b>DEPTH</b> /2"	BACKFII limes-	e/Anta- time, such	Indi	ted by	low g	s : ( Ø		04.03.
zie D	SAI WBS	MPLE 10 0/9401 0/9402	<b>DEPTH</b> /2"	BACLFII limest	e/Anta- tone, succe ne, duive	tade	ted by	low g	s:(Ø		
D D	SAI WBS	MPLE 10 0/940 j	<b>DEPTH</b> /2"	BACLFII limest	e/Anta- time, such	tade	ded by	low G	s : ( Ø		04.03.
zu D D	SAI WBS	MPLE 10 0/9401 0/9402	<b>DEPTH</b> /2"	BACLFII limest	e/Anta- tone, succe ne, duive	tade	fed by	low G	s:(Ø		04.03.
D D	SAI WBS	MPLE 10 0/9401 0/9402	<b>DEPTH</b> /2"	BACLFII limest	e/Anta- tone, succe ne, duive	tade	4ed bi	low G	s: ( Ø		04.03.
D D	SAI WBS	MPLE 10 0/9401 0/9402	<b>DEPTH</b> /2"	BACLFII limest	e/Anta- tone, succe ne, duive	tade	4ed bi	low G	s: ( Z		04.03.
zu D D	SAI WBS	MPLE 10 0/9401 0/9402	<b>DEPTH</b> /2"	BACLFII limest	e/Anta- tone, succe ne, duive	tade	4ed bi	low G	s: ( Z		04.03.
e le D	SAI WBS	MPLE 10 0/9401 0/9402	<b>DEPTH</b> /2"	BACLFII limest	e/Anta- tone, succe ne, duive	tade	2 16 1 (3	low g	s: ( Z3		04.03.
e 10 D	SAI WBS	MPLE 10 0/9401 0/9402	<b>DEPTH</b> /2"	BACLFII limest	e/Anta- tone, succe ne, duive	tudi my way	#ed bu	low g	s: ( Z3		04.03.
e le D	SAI WBS	MPLE 10 0/9401 0/9402	<b>DEPTH</b> /2"	BACLFII limest	e/Anta- tone, succe ne, duive	tade	2 16 1 (3	low G	s: ( Z3		04.03.
e 10 D	SAI WBS	MPLE 10 0/9401 0/9402	<b>DEPTH</b> /2"	BACLFII limest	e/Anta- tone, succe ne, duive	tudi my way	2 16 1 (3	low G	s: ( Z2		04.03.
e le D	SAI WBS	MPLE 10 0/9401 0/9402	<b>DEPTH</b> /2"	BACLFII limest	e/Anta- tone, succe ne, duive	tudi my way	2 16 1 (3	low g	s: ( Z2	# CMB	04.03.
e 10 D	SAI WBS	MPLE 10 0/9401 0/9402	<b>DEPTH</b> /2"	BACLFII limest	e/Anta- tone, succe ne, duive	tudi my way	2 16 1 3	low g	s: ( Z3		04.03.
e le D	SAI WBS	MPLE 10 0/9401 0/9402	<b>DEPTH</b> /2"	BACLFII limest	e/Anta- tone, succe ne, duive	tudi my way	2 16 1 3	low G	s: ( Z3	# CMB	04.03.

AUTHORIZED EPA/START REPRESENTATIVE bubara A. Storey

> Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Monday, April 07, 1997

Ref Number: TX971142



## POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

			SAMPL	<b>E</b>	ASBE			NONASE		
MPLE	LOCATION	APPEARANCE	TREATM		%	TYP€	%	FIBROUS	%	NONFIBROUS
F.2119G01	(b) (6)	Tan	Teased	†	5% Chr	ysotil <b>s</b>			95%	Other
		Non-Fibrous Homogeneous		-	:		! !			
₹₹₽\$11 <b>9G02</b>		Tan	Teased		Nor	ne Detected	:		100%	Other
		Non-Fibrous Homogeneous	•	1			:	,	)	
<i>ქმ</i> :3119 <b>G03</b>		Tan Non-Fibrous	Tøased		< 1% Chi	rysotile	:	1	100%	Other
		Homogeneous 		ſ	•		11	1		
보 왕왕 <b>019<b>G01</b></b>		Tan Non-Fibrous	Tessed	į	4% Ch	rysotile	i	1	96%	Other
,		Homogeneous 			•	·	,			¥ .
W8S019G02		Tan Non-Fibrous Homo <b>ge</b> neous	Teased		< 1% Ch	rysotile	:	1	100%	6 Other
\ @\$019 <b>G03</b>		Tan	Teased		< 1% Ch	rysotile	: 1	<i>;</i>	100%	6 Other
		Non-Fibrous 'Homogeneous			<u>:</u>		•		Á	

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately.
Also, "# of Layers" refers to number of separable subsamples.

Corlos D. Salinas Analyst

000139

Disclaimers, PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus no guaranteed. Floor lifes and wipps should be tested with either SEM or TEM. The above test report relates only to the in only be reproduced in full with written approval by EMSL. The above test made be used by the claim producing any agency of the United States Government, All TNVLAP\* reports with NVLAP logo must contain at isset one sign is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

09-0019-570

natory







У —	Dr	2		Date	e_4	1-7-	97	_ S	ubj	ect	Re	sto	RAI	HOA	<u>) s</u>	ite	_	# <u>C</u>	19	,			Sh	eet	No.		_ 0	f	
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# WESTBANK ASBESTOS ABATEMENT

SUB 2 SIGNATURE

	REST	TOR	ATIC	)N I	FORM	I
--	------	-----	------	------	------	---

SITE# 019

	DATE	DATE	DATE	DATE	EST.	ACTUAL QTY.	ACT.
					QTY. ∽	QII.	COWP.
Rock Installation (sq.yds.)	1				112.50		
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					Z6.ºº		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)			·		24.69		
Sand (cu.yds.)					5.**		
Concrete (cu.yds.)							ļ
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	tch on B	ack of P	age			
COMMENTS:					<del> </del>	·	
IT REPRESENTATIVE SIGNATU	RE						
SUB 1 SIGNATURE	•					09-0019-	590

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/22/98 SITE #: 0019		ADDRESS:	(b) (6) Weshvezo	
ACM LOCATED BENEATH:	HOUSE SHED			
APPR. CRAWL SPACE HEIGHT:		=		
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB			
PERCENT OF AREA (ACM)		=		
SKETCH OR COMMENTS:				
Kr			4	roil

09-0019-540

TEAM MEMBERS:

Tracking Number	OSD

### FIELD DATA SHEET 1

Address:    Discontinuo   Disc
Phone No.:  Out to Name Address and Phone No. if Different Than Occupant:  Different Than Occupa
Phone No.:    Description:   Description:
Site Description:  1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other  2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution:  3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch.  4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?  Site Sketch:
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other  2) Problems accessing yards (circle): locked gate; gate; dogs; other
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other  2) Problems accessing yards (circle): locked gate; gate; dogs; other
vacant house; vacant lot; other  2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution:  3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch.  4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?  Site Sketch:
resolution:  3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch.  4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?  Site Sketch:
septic tank; other
If yes, note on site sketch. How deep? Site Sketch:
GARAGE
HOUSE
ACM (b) (6)
Estimated Volume of ACM:
145chs
Date/Time of Interview: 15: 45 10/31/46 Access Granted (circle): (yes,) no
Team Members: MH Phone 09-0020-510

TRACKING # UXU

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

	(b) (b)	
Property Owner's Name:		
Property's Address:		Mestwego
State/Zip: LA. 10094	_Phone Number(s) <sup>(b) (6)</sup>	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

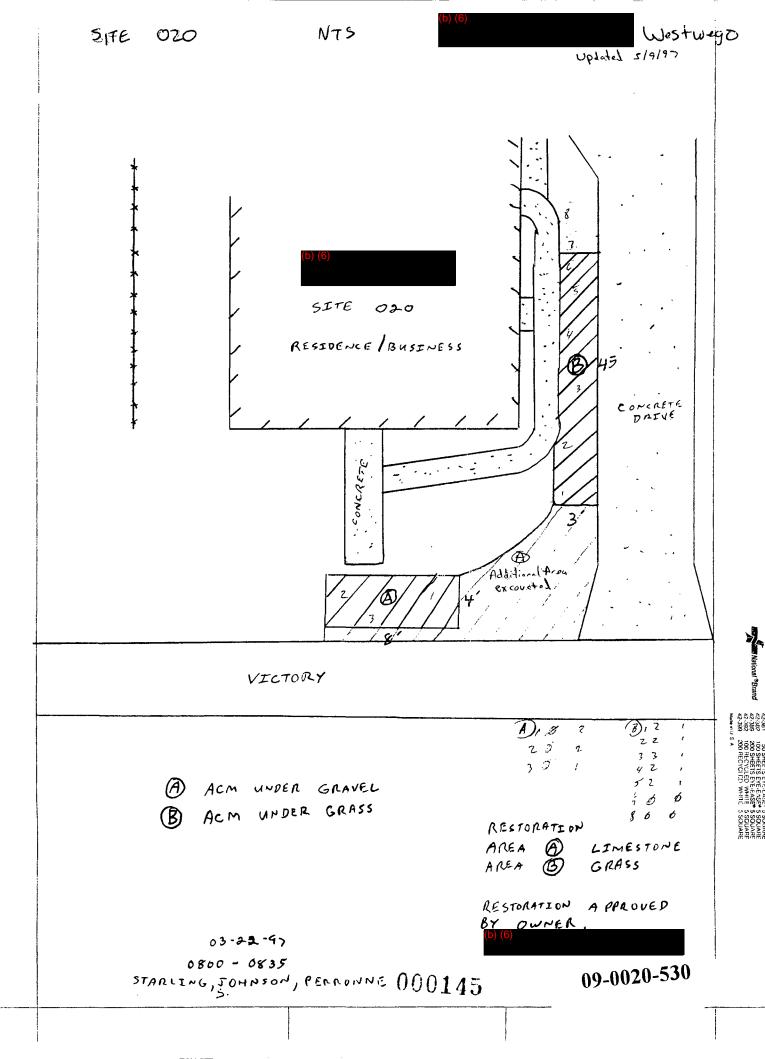
- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9- 9- 96 DATE SIGNATURE

09-0020-520



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FY	I:																															
SIT	E#	02	Ø												F	ADI	OR.	ESS	S:	b) (6												
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 $\begin{array}{c} 000146 \\ \text{AUTHORIZED EPA/START REPRESENTATIVE} \end{array}$ 

anne Poel

158-4605 108-861-8666

\$18-967-7251

Wanhacted, NY 212 230-0662 Bentile, WA 201,233,8007 Aus Arber, MI

435-575-540

BETTOL E

616.227.14E

a, RC

711-01-705

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Wednesday, April 09, 1997

Ref Number: TX971155

#### POLARIZED LIGHT MICROSCOPY (PLM)

**Project: 020601 WESTBANK ASBESTOS** 

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	Asbesios % Type	*	<u>NONASBE</u> FIBROUS	STOS % NONFIBROUS
3 <b>\$020</b> G01	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	< 1% Chrysottle			100% Other
™B\$116G02		Brown Non-Fibrous Homogeneous	Teased	None Detected			100% Other
53S116G03		Brown Non-Fibrous Homogeneous	Teased	None Detected			100% Other
3S121G01		Brown Fibrous Homogeneous	Teased	2% Chrysotile			98% Other
: JS121G02		Brown Non-Fibrous Homogeneous	: Teased	< 1% Chrysotile	:		100% Other
IS121G03		Brown Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other

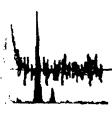
comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Fig. 1# of Layers" refers to number of separable subsamples.

Arthur Hemandez, J Analyst Enteral 4/10/97 2013

Approved Signatory

Disclaimers: PLM has been known to miss sebesine in a small percentage of samples which contain subsetos. Thus regains PLM riguirenteed, Floor titles and wiper should be tested with sther BEM or TEM. The above test report relates only to the items tested. Toolly be reproduced in full with written approval by EMSL, The above test must not be used by the client to claim product endorseme nor any squency of the United States Government. All "INVLAP" reports with NVLAP logo must contain at least one signeture to be virus not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

09-0020-570



CURREN, N.) Pincatevray, N.) Carle Pines, NY Manchetres, NY Bootele, NA Area Arber, MI Sun Motes, CA Sinyvini, NA Secundors, NC Possilies, TX 1858-4880 1858-1851-18580 518-887-7252 212-256-6863 283-252-2607 312-488-8639 416-579-5471 404-333-5688 918-297 1487 713-488-3425

Ecology & Environment, Inc.

11550 Newcastle Ave. #250

Baton Rouge, LA 70816

Re



Wednesday, April 09, 1997

Ref Number: TX971155

### POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	ASBE	TOS		NONASBA	sios	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	*	TYPE	%	<b>FIBROUS</b>	%	NONFIBROUS
3S121G04	(b) (6)	Brown Fibrous Homogeneous	Teased	2% Chry < 1% Groc				98%	Other
35121G0 <del>5</del>		Brown Non-Fibrous Hornogeneous	Teased	< 1% Chry	<b>so</b> til <b>e</b>	: :		100%	Other
3 <b>\$121G06</b>		Brown Non-Fibrous Homogeneous	Teased	< 1% Chry < 1% Croc				100%	Other
W25118GOR		Brown Non-Fibrous Homogeneous	Teased	< 1% Chry	satile	•		100%	Otner
≘\$1 <b>18G9</b> Z		Brown :Non-Fibrous Homogeneous	Teased	< 1% Chry	sotila	•		100%	Other
3 <b>S020G02</b>		Brown Non-Fibrous Homogeneous	Teased	< 1% Chry	sotile			100%	Other

nments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately, p. "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Analyst /

Disclaimers. Pt.M has been known to miss espectos in a small percentage of samples which contain espectos. Thus negative Pt.f guaranteed. Floor tries and wipes should be rested with either SEM or TEM. The above text report relates only to the items tested only be reproduced in full with written approval by EMSt. The above text must not be used by the claim to claim product endorse for any especty of the united States Government. All TMVLAP reports with NVLAP log must contain at least one signature to be tend of states of estates when requisited to physically separate and analyze taylored samples.

Approved Signatory

09-0020-570



44.									
Westmont NJ	Pisculaway, RJ	Carle Place, NY	Manhattan. NY	Seattle, WA	Ann Arbor, MI	San Muton CA	Smyres. 64	<del>(kramustara,</del> MC	Boucton, TX
(A) 858-4800	908-981-8660	518-887-7251	2200-003	205-259-9007	313 <b>683 48</b> 10	415-570-5401	404-322-8086	810-397-1487	713-484-3835

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Wednesday, April 09, 1997

Ref Number: TX971155



#### POLARIZED LIGHT MICROSCOPY (PLM)

**Project: 020601 WESTBANK ASBESTOS** 

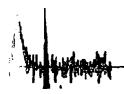
			SAMPLE	ASBA	SIOS		NONASBI	ESTOS	
SAMPLE	LOCATION	<b>APPEARANCE</b>	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
<b>W</b> ∃\$020G01	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	< 1% Chi	rysotile			100%	Other
WB\$116G02		Brown Non-Fibrous Homogeneous	Teased	: No	ne Detected	:		100%	Other
V3S116G03		Brown Non-Fibrous Homogeneous	Teased	No	ne Detacted			100%	Other
:3S121G01		Brown Fibrous Homogeneous	Teased	2% Ch	rysotile			98%	o Other
∿8S121G02		Brown Non-Fibrous Homogeneous	Teased	< 1% Ch	rysotile	i ,		100%	Other
9351 <b>21G03</b>		Brown Non-Fibrous Homogeneous	·Teased	< 1% Ch	rysotila	1		100%	6 Other

comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hemandez, Jr. Analyst

000149

Approved Signatory 09-0020-570



Disclaimers: PLM has been known to miss exhestes in a small percentage of samples which contain aspectos. Thus negative guaranteed, Floor titles and wipes should be tested with either REM or TEM. The above test report relates only to the items (e) only be reproduced in full with written approval by EMSL, The above test must not be used by the client to claim product ends nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



(ر

By 'PM'	Date <u>4-3-97</u>	_Subject_	RESTORATION	SIFE #	020 II	_Sheet No	of
Chkd. Bv	Date					_ Proi. No	

SAND ROCK (12") 8

09-0020-590

000150

# WESTBANK ASBESTOS ABATEMENT. NEW ORLEANS, LOUISIANA

### RESTORATION FORM

SITE# 020

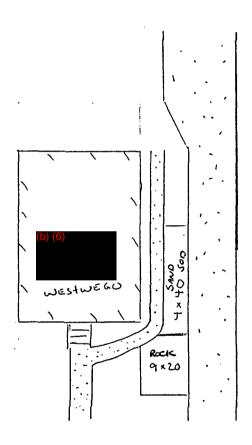
						•	
	DATE	DATE	DATE	DATE			
•		,			EST.	ACTUAL	ACT.
					QTY.	QTY.	COMP.
					- (Y)		
Rock Installation (sq.yds.)					7.55		<del> </del>
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)		:					<u> </u>
Sand Installation (sq.yds.)					7.99		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)	**				21		
Sand (cu.yds.)		·			1,50		
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	etch on B	ack of P	age			·.
COMMENTS:							
				-			
<u> </u>			·	····			
IT REPRESENTATIVE SIGNATUI	RE					09-0020-59	. –
SUB 1 SIGNATURE							U 

000151

SUB 2 SIGNATURE



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09-0020-590

# WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

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SITE# 020

	DATE	DATE	DATE	DATE			
					EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					.Z0,°º		
Sod Installation (sq.yds.)					18. <u>≈</u>		
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					5.≅		
Lower Lift Sand		-					
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					6.00		
Sand (cu.yds.)							
Concrete (cu.yds.)							
Plastic Edging (ft.)					58.∞		
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							<u></u>
	Site Sket	tch on B	ack of P	age			
COMMENTS:							
-			<del></del>	·			
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IT REPRESENTATIVE SIGNATUR	RE _						. <b>-</b>
SUB 1 SIGNATURE	_					09-0020-5	90
SUB 2 SIGNATURE		QQ0	153	ı		•	,

### WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

ATE: 9/22/98 SITE#: 0020	ADDRESS: Westwego
ACM LOCATED BENEATH:	HOUSE
APPR. CRAWL SPACE HEIGHT:	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM)	
SKETCH OR COMMENTS:	
	5011
NO RCM	

000154

09-0020-540

→ 11/18/96 - mobody home (at owners)

11/19/56 cm for owner to call back set appt to sign
access
11/19/96 mailed access to sween

Tracking Number 02

### FIELD DATA SHEET 1

1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other  2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution:  3) Under ground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch.  4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?  Site Sketch:  SHED  DORTH  Estimated Volume of ACM: Z, & yd3  Comments: bookfill:	Site Information:
Phone No.:    Phone No.:   Description:   Description   De	Occupant: (b) (6) Interviewee:
Site Description:  1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other  2) Problems accessing yards (circle): locked gate; gate; dogs; other	Address: Ulshulao, A
Site Description:  1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other  2) Problems accessing yards (circle): locked gate; gate; dogs; other	Phone No.: (b) (6)
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other	Owner Name. Address, and Phone No. if Different Than Occupant: (b) (6)
vacant house; vacant lot; other  2) Problems accessing yards (circle): locked gate; gate; dogs; other	Site Description:
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other	
Septic tank; other Note location on site sketch.  4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?  Site Sketch:  SHED  Dorry  Estimated Volume of ACM: Z. 8 43  Comments: Dockfill:	
If yes, note on site sketch. How deep?  Site Sketch:  SHED  DORTH	septic tank; other
Estimated Volume of ACM: 2.8 yd3  Comments: bockfill: limestone  Date/Time of Interview: 1/19 96  Access Granted (circle): (yes.) no	
Estimated Volume of ACM: 2.8 40 <sup>3</sup> Comments: bockfill: limeStone  Date/Time of Interview: 1/19/96  Access Granted (circle): (yes;) no	
Estimated Volume of ACM: 2.8 4d3  Comments: bockfill: limeStone  Date/Time of Interview: 1/19 96  Access Granted (circle): (yes; no	(b) (6)
Estimated Volume of ACM: 2.8 443  Comments: bockfill: limeStore  Date/Time of Interview: 1/19/96  Access Granted (circle): ves; no	(b) (6)
Date/Time of Interview: 1/19/96  Access Granted (circle): (yes;) no	
Date/Time of Interview: 1/19 96  Access Granted (circle): (yes;) no	Estimated Volume of ACM: 2,8 40 <sup>13</sup>
7	, ,
7	
	Team Members: M

#021

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

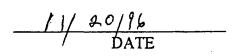
Property Owner's Name: Property's Address:	(D) (O)	
State/Zip: 70094	Phone Number(s): 7467362	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination,
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.





# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:	
Property's Address: (b) (6)	Westwear
State/Zip: / A 70094 Phone Number(s):	(6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property,
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed imestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

11/20 /96 DATE



GRASS COVER OK for restoration phone. J. 0 0

SON / S.D 3/24 KJ 3 0 0

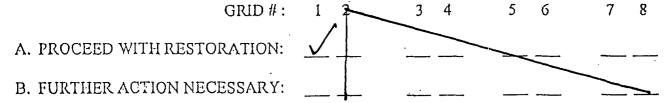
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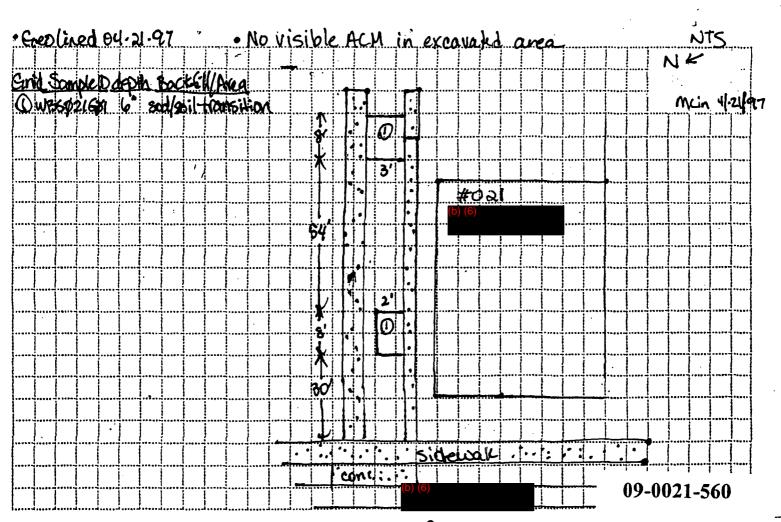
STANLENG, JOHNSON, PERMONNE

i	Westwego, LA	
SITE# 021	(b) (6) ADDRESS:	
FYI:	• •	

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 04-23-97.

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:





000159 AUTHORIZED EPA/START REPRESENTATIVE Barbara a. Storey

Setument, NJ Placetoway, NJ Carle Place, NY Manhatian, NY Seattle, WA Aug Arbor, NI Sas Maleo, CA Semptea, SA Greensborp, NG Soustee, TX 08-255-4800 908-861-0650 \$16-807-7251 217-290-0002 203-233-8007 317-628-0810 415-270-5401 404-328-0805 210-287-1457 719-285-3225

> Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Wednesday, April 23, 1997

Ref Number: TX971376



### POLARIZED LIGHT MICROSCOPY (PLM)

### Project: 02060RAG1 WESTBANK ASBESTOS

/BS022G02R i022 RE:	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASB <u>es</u> ) %	TYPE	%	NONASBE FIBROUS	<u>STOS</u> % NONFIBROU	ıs
VBS022G01R	022/023: RESAMPLE	Tan Non-Fibrous Homogeneous	.Teased	< 1% Chrys	<b>otile</b> folite	:   		100% Other	
/BS022G02R	022/023: RESAMPLE	Tan Non-Fibrous Homogeneous	Teased	< 1% Chryse < 1% Crocid		<u> </u>		 100% Other	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
/BS021G01	(b) (6)	Tan Non-Fibrous Homogeneous	Teased	< 1% Chryso	otlie	:    -  -		100% Other	

omments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is enalyzed separately, so, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr. Analyst

000160

Approved Signatory

09-0021-570



Disclaimers: PLM has been known to miss sebestos in a small percentage of samples which contain asbestos. Thus i guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim produce may agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain it less one significance responsible for the accuracy of results when requested to physically expected and analyze layered samples.

IN ME YERR LEDGISTORY



 $\bigcirc$ 

By PM Date 4-23-97 Subject Restoration Site # 021 \_ Sheet No.\_\_\_ of. Chkd. By\_\_\_\_ Date. Proj. No. . SAND MATRERO SAND 09-0021-590 000161

# WESTBANK ASBESTOS ABATEMENT NEW ORLEANS LOUISIANA

RESTOR.	ATION	FORM
---------	-------	------

SITE# 021

	DATE	DATE	DATE	DATE			
NE TO THE PERSON OF THE PERSON		·			EST. QTY.	ACTUAL QTY.	ACT.
) (*) ),					9(11)	GCI II.	
Rock Installation (sq.yds.)							<u> </u>
Sod Installation (sq.yds.)			<u>-</u>		8.50	<b>-</b>	
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					8,∞		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)	· · · · · · · · · · · · · · · · · · ·						
Sand (cu.yds.)					2,00		
Concrete (cu.yds.)	`						
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							
	Sitė Sket	ch on B	ack of P	age			
COMMENTS:		•			_		
			=	. ,			_
				<u>.</u>		•	······································
IT REPRESENTATIVE SIGNATUR	RE _			·	· · · · · · · · · · · · · · · · · · ·		
SUB 1 SIGNATURE	_					09-0021-5	90
SUB 2 SIGNATURE		000	162			•	

### WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/22/98 SITE #: 0021		ADDRESS: Wechwego
	··	Soil
ACM LOCATED BENEATH:	HOUSE	
APPR. CRAWL SPACE HEIGHT:		<del>_</del> .
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)	· .	=
SKETCH OR COMMENTS:		0
		so iX
Kr		
$\mathcal{N}_0$		
	TEAM MEMBERS:	TS

09-0021-540

ect owner	0224
no ansul e door	Tracking Number <u>023</u>
Acciess mailed to owner,	·
b left nessey	FIELD DATA SHEET (b) (6)
Site Information:	(b) (6)
Occupant:	Interviewee: (b) (6)
Address: (b) (6)	Westwego La. 20094
Phone No.: (b) (6)	
Others Name Address and Phase No. if	F Different Than O
Site Description:	
Description of property (circle): sin vacant house; vacant lot; other	ngle home; duplex) business; school; daycare; church;
Problems accessing yards (circle): le resolution:	ocked gate; gate; dogs; other none
Underground utilities installed by own septic tank; other  Note location on site sketch.	ner? (circle): no; water; gas; electric; cable TV;
4) Is any underground ACM present? (cir. If yes, note on site sketch. How deep?	
Site Sketch:	
N T She	4
118 (-8'-) (D) (G)	(b) (6)  (b) (6)
(b) (6)	
Estimated Volume of ACM:	
Comments: 11/3 - SPOICE W/ WIC	HMEL 115/97
Date/Time of Interview: 9/27/9	16 0915 Access Granted (circle) no
Date/Time of Interview: 9/27/9 Team Members: Phodes Shi	600leaux 09-0022-510
<del></del>	09-0023-510

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

023

	WESTBANK ASBESTOS ST	<u>IL</u>	106 /	
Property Owner's No Property's Address:		Westwego	Livein Par	tner)
State/Zip:	Phone Number(s). (b) (6)		BY PHE	WE 9/7/97
1				- 011

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (<u>e.g.</u> small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

1-9-97 DATE

SIGNATURE

09-0022-520

## <u>CONSENT FOR ACCESS TO PROPERTY</u> <u>WESTBANK ASBESTOS SITE</u>

Property Owner's Name:	(0) (0)		
Property's Address:		Westwear	
State/Zip: LA 70094	_Phone Number(s):	<i>y</i>	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

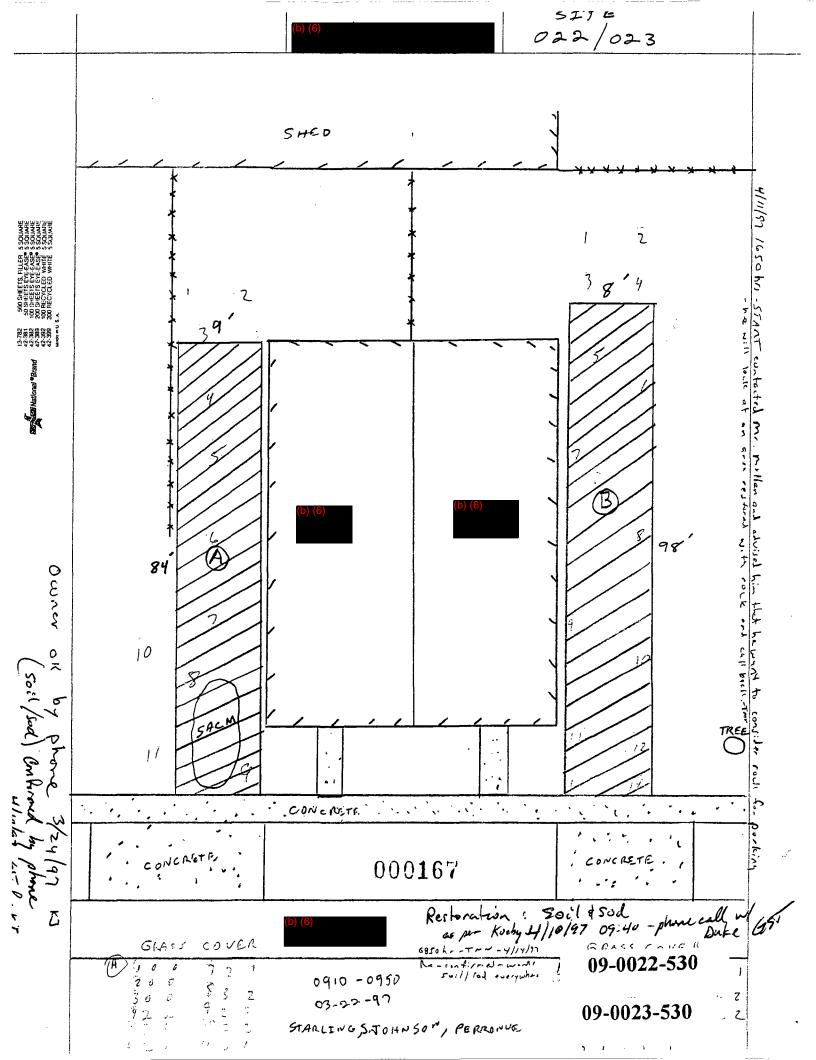
I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

NOU. 14 1996 DATE  $\Rightarrow \frac{1}{\text{SIGNATURE}}$ 

Thus is the resident Access mailed to owner 11/19/96

09-0023-520





### CITY OF WESTWEGO

OFFICE OF THE MAYOR

(504) 347-5745

ROBERT E. BILLIOT MAYOR

November 13. 1996

(b) (6)

(c) (7)

Westwego, LA 70094 Lot 394 part 2 \$394 part 2

Re: Asbestos

I have been contacted by the United States Environmental Protection Agency (EPA) to assist them in having your consent to enter your property for several purposes as stated on the form which is self explanatory. The above name and address showed up on their Consent For Access To Property Westbank Asbestos Site.

I realize this may be an inconvenience but your assistance is needed. Attached you will find a consent form for your signature. Please sign and date the form and return it to me in the enclosed stamped self addressed envelope. Once I receive the signed form I will returned it to the EPA and you will be contacted with further details and information.

If you have any questions or concerns do not hesitate to contact me. I thank your for your time and cooperation.

I look forward to seeing you. With best regards, I am

Sincerely,

Řobert E. Billiot

Mayor

REB/srh

enclosures



Subject ACTUAL REMOVAL SITE OZZ/023 Sheet No. RE DIG Chkd. By\_\_\_\_Date\_ Proj. No. -જ્ઞા 8 8 (RE DIG) @ 10 x 100 = 1000 SQ FT 111. "soyp **(A)** 9 MARRERO CUBIC YARDS O DEC REP 09-0022-590 000169 09-0023-590

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FYI:															•								
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2	MAG)		<u> </u>	_													0	9-(	02	2-5	560	)	

 $000170 \\ \text{AUTHORIZED EPA/START REPRESENTATIVE}$ 

Januare Roedy

09-0023-560

FYI:	*	: .	
SITE# 022/023		ADDRESS: (b) (6)	
•		Westwego	O,LA
THE SAMPLE ANALYSIS WERE EVALUATED BY		BOVE REFERENCED SITE WAM ON	PÈRE RECEIVED AND
BASED ON AN EVALUA' ACTION:	TION OF THE ANALYT	ICAL DATA, WE RECOMME	END THE FOLLOWING
ACTION.	GRID#: 1 2	3 4 5 6	7 8
A. PROCEED WITH REST	TORATION: $\underline{\vee} \underline{\checkmark}$		
B. FURTHER ACTION N	ECESSARY:		
visible Acm highligh	ted below: (121) and	<b>(1)</b>	NTS
Geoline 204-21-97			H-
ind SampleD depth Back			11-3 04.21.97
D MARCHARCAL & 151 ROALS	sil yord		
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			100
		duplex	
		2"50 11-1	<i>1</i> 0
		Z'AUN. POPCH	+/ $+$ $+$ + $+$
	.; -	sidewalk: .:	
			09-0022-560
		(b) (6)	<b>1</b> 09-0023-560

000171
AUTHORIZED EPA/START REPRESENTATIVE

Barbara a. Storey

FYI:

022 / 023 (phase IL) NOT

ADDRESS: Westwego, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 4-15-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

6 8 GRID#: A. PROCEED WITH RESTORATION: B. FURTHER ACTION NECESSARY:

· Geolined 04.11.97 ← N (8) \* ALL OTHER PORCH N 022/023 W&S022/02360 PHASEIL 09-0023-560

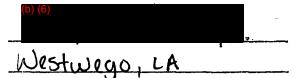
000172 AUTHORIZED EPA/START REPRESENTATIVE

09-0022-560

T77/1	٠.
14 Y 8	•
	٠

SITE# 022/023

ADDRESS:



THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 41619.

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2

2 1 4

8

A. PROCEED WITH RESTORATION:

000173

AUTHORIZED EPA/START REPRESENTATIVE \_\_\_

Barbara afterey Re-excavates

Bouston, TX Greensborn, MC San Maran CA SELVIDA. GA Seattle, WA Ann Arbor, 141 Carlo Place, MY Wastmant Mil Pitcataway, M7 404-131-4086 910-297-1487 713-686-3836 415-670-540 I 515-907-7251 212-290-0062 205-233-8007 313-RER-8810 909-868-4**88**0

EMSL

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

7136863645

Thursday, April 10, 1997

Ref Number: TX971187

### POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	ASBES			NONASBE	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	<b>,</b> %	TYPE	%	FIBROUS	% NONFIBROUS
WB\$167G01	(b) (6)	Tan	Teased	Non	e Detected			100% Other
		Non-Fibrous Homogeneous	•			i :		
, WBS187G02		Tan Non-Fibrous Homogeneous	Teased	Non	e Detected	·		100% Other
WBS167G03		Tan Non-Fibrous Homogeneous	Teased	2% Chr	/sotile			98% Other
WBS167G04		Tan Non-Fibrous Homogeneous	Teased	: < 1% Chry	/sotlie	· :		100% Other
WBS022/0230	60	Tan Non-Fibrous	Teased	2% Chry < 1% Cros		•	İ	98% Other
WBS022/0230 2	G(	Homogeneous Tan Non-Fibrous Homogeneous	Teased	/ 2% Chry < 1% Cros				98% Other

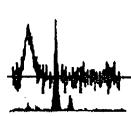
Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

09-0022-570

Carlos D. Sallnas Analyst 09-0023-570

000174

Disclaimers, PLM has been known to miss ashestos in a small percentage of samples which contain eabeatos. Thus negative PLM results contain to guaranteed. Floor titles and withe should be resided with either SEM or TEM. The above lest report relates only to the items rested. This report may only be reproduced in full with written approval by EMSL. The above lest must not be used by the cliam to claim product endorsement by NVLAP nor any against or the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requisited to physically separate and analyze layered samples.



Greensbero, NC Rouston, TX San Maton, CA Baryrea, GA Azia Arbor, MI Seattle, WA Manhattan, NY Placatamay, XI Custo Place, NY 718-804-9695 910-207-1487 415-570-6401 404-331-0000 313.888.6210 212-200-0052 203-231-9007 \$16-887-78\$1

Westmast NJ (131-453-1800

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Tuesday, April 15, 1997

Ref Number: TX971241

### POLARIZED LIGHT MICROSCOPY (PLM)

V = entered in

Project: 020601 WESTBANK ASBESTOS

Sample	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBEST	2§ TYPE	%	NONASBI FIBROUS	ESTOS % NONFIBROUS
- NB\$ <b>022/023Gd<sup>©</sup></b>	) (6)	Tan Non-Fibrous Hornogeneous	:Teased	< 1% Chryso	tile		· <del>-</del>	10 % Other
WB\$022/023G0		Tan Non-Fibrous Homogeneous	Teased	< 1% Chryso	tile	! ! !	,	100% Other
MBS170G03		Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysd	tile.			100% Other
				,	١		1	.

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for leyered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas

**Analyst** 

000175

09-0022-570

09-0023-570

Disclaimers: PLM has been known to miss aspestos in a ameli percentage of samplas which contain aspestos. Thus negative guaranteed. Floor tites and wipes should be tested with either SEM or TEM. The above last report relates only to the items to only be reproduced in full with written approval by EMSL. The above test must not be used by the client to cleim product and not any agency of the United States Government, All "NVLAP" reports with NVLAP logo must centern at least one signature to one is not responsible for the accuracy of results when requested to physically separate and analyze layered samples

eni. El

Placelsway, EJ

Carle Place, XY 518-207-7251

212-280-0062

7136863645

203-233-5007

Ann Arbor, MT 313-003-0010

San Mateo, CA 418-670-6401

Bayren, (iA 404-333-4876 Broomsboro, MC \$10-207-1467

713-**100-101**5

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Friday, April 11, 1997

Ref Number: TX971193

#### POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBE %	STOS TYPE	%	<u>NONASB</u> FIBROUS	estos %	NONFIBROUS
WBS022/023G0	o) (6)	Brown Non-Fibrous Homogeneous	Teased	< 1% Chr	ysotil <del>e</del>	:	·	100%	6 Other
WBS022/023G0 5		Brown Non-Fibrous Hornogeneous	Teased	< 1% Chr	ysotile		i :	100%	6 Other
*WB\$022/023G0 :6		Brown Non-Fibrous Homogeneous	Teased	< 1% Chr	yaotile		!	100%	Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr. **Analyst** 

000176

09-0022-570

09-0023-570



guaranteed. Floor titles and wipes should be tested with either SEM or TEM. The above test report relates only to the items test only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endot not any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one aignature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyza tayared samples

Wentmood, NJ Plechisway, NJ Carle Place, NY Manhadian, NY Seattle, WA Ann Arbor, NO San Majoo, CA Smyrna, GA Greensbore, NC Houston, TX 1884-8500 966-961-5655 516-567-7251 212-298-2052 203-233-5007 318-568-8100 4(6-570-540) 404-323-5200 910-267-1487 718-568-5635

EMSL

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Friday, April 11, 1997

Ref Number: TX971193

### POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	ASBESTOS			NONASBESTO		
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	*	NONFIBROUS
WB\$169G03	(b) (b)	Brown	Teased	2% Chrys	sotile	;		98%	Other
		Fibrous Homogeneous		< 1% Crock	dolite		, .		•
WBS80G01		Brown Non-Fibrous Homogeneous	Teased	< 1% Chrys	eotile			100%	Other
·WB\$80G02		Brown Non-Fibrous Homogeneous	Teased	< 1% Chrys	sotile			100%	Other
WB\$80G03		Brown Non-Fibrous Homogeneous	'. 'Teased	< 1% Chrys	Botile			100%	Other
WBS160G06		Brown Non-Fibrous	Teased	None	Detected	;	1	100%	Other
		Homogeneous	•					Ţ	
WB\$022/023G0 3		Brown Fibrous Homogeneous	. Teased	3% Chrys	sotil <del>e</del>			97%	Other
				1				Ì	

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

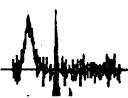
Arthur Hernandez, Jr.
Analyst

09-0022-570

000177

Disclaimers: PLM heabeen known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative if pusarrised. Floor lifes and wipes should be tested with either SEM or TEM, The above test report relates only to the items test only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endors nor any agency of the United States Government. All "INVLAP" reports with NVLAP logo must contain at least one signature to t. is not responsible for the accuracy of results when requested to physically separate and snatyze layered samples. 09-0023-570

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Seattle, WA Ann Arber, MI San Maloo, CA Smycen, SA Greensborn, NC ROS-855-4000 \$16-867-2281 \$12-200-00SE 203-233-9007 313-468-8610 415-270-5401 404.35() COOR 210-287-1427 718-696-3625

> Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

7136863645

Wednesday, April 23, 1997

Ref Number: TX971376



### POLARIZED LIGHT MICROSCOPY (PLM)

Project: 02060RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	AS %	<u>Bestos</u> Type	%	NQNASB FIBROUS	ESTOS % NONFIBRO	ous
VB\$022G01R	RESAMPLE	Tan Non-Fibrous Homogeneous	.Teased		Chrysotile Crocidolite			100% Other	
/BS022G02R	022/023: RESAMPLE	Tan Non-Fibrous Homogeneous	Tensed		Chrysotile Crocidolite			100% Other	
/BS021G01	(b) (6)	Tan Non-Fibrous Homogeneous	.Teased		Chrysotile			100% Other	

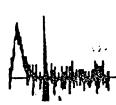
omments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. so, "# of Layers" refers to number of separable subsemples.

Arthur Hernandez, Jr. **Analyst** 

000178

09-0022-570

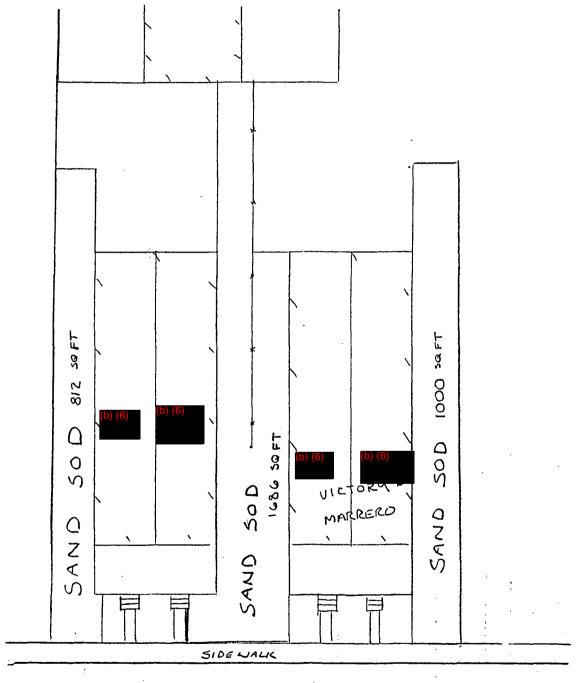
09-0023-570



Discissimers: Pt M has been known to miss asbeatos in a small percentage of samples which contain asbeatos. Thus regulive guarenteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items test only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endor

nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be visio, usodratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.





09-0022-590

09-0023-590

### WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 2 SIGNATURE

### RESTORATION FORM

SITE# 022/023

	DATE	DATE	DATE	DATE	EST.	ACTUAL	ACT.
					QTY.	QTY.	COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)					388. <sup>5</sup>		
6" Concrete Installation (sq. yds.)							ļ
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					388.5€		
Lower Lift Sand						,	
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							_
Sand (cu.yds.)					121,50		
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							ļ
Topsoil (cu.yds.)				·			-
EXTRA	. ]						
	Site Ske	tch on B	ack of P	age			
COMMENTS:							
					<u></u>		
IT REPRESENTATIVE SIGNATULE	RE _				09-002	22-590	·
SUB 1 SIGNATURE			. •	· ——	09-002	23-590 _	
SUB 2 SIGNATURE			00018	U			

### WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: $9/22/98$ SITE #: 022		ADDRESS:	(b) (6) Westnego
ACM LOCATED BENEATH:	HOUSE SHED		
APPR. CRAWL SPACE HEIGHT:		:	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)	**************************************		
SKETCH OR COMMENTS:			
NO MA			5011
TEAM MEMBERS	s: R(	75	09-0022-540 09-0023-540

4.000181

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/22/98 SITE #: 023		ADDRESS:	(b) (6) We strue so
ACM LOCATED BENEATH:	HOU		
APPR. CRAWL SPACE HEIGHT:			
DESCRIPTION OF ACM:	CHU POW SLAE	IDER	
PERCENT OF AREA (ACM)			
SKETCH OR COMMENTS:			
NO KIN			sorx
	FEAM MEMBERS:	21, 75	09-0022-540 09-0023-540

000182

Tracking Number	024
Tracking Number	

#### FIELD DATA SHEET 1

Site Information:
Occupant: (b) (6) Interviewee:
Address: (6) (6)
Phone No.: (b) (6)
Owner Name, Address, and Phone No. if Different Than Occupant (b) (6)
Site Description:
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other
4) Is any underground ACM present? (circle): yes; no; don't know  If yes, note on site sketch. How deep?
Site Sketch:  SHED  NORTH  HOUSE  SIDEWALE  D) (6)
Estimated Volume of ACM:
Comments: _ dirt-as per (6) (6)
Date/Time of Interview: 1015/96 0850 Access Granted (circle): Tyes; no
Team Members: Maggiolin by phone 09-0024-51

IKACKING AT 024

## CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:_	
	WEGO
State/Zip: A 70094-4572 Phone Number(s): (6) (6)	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

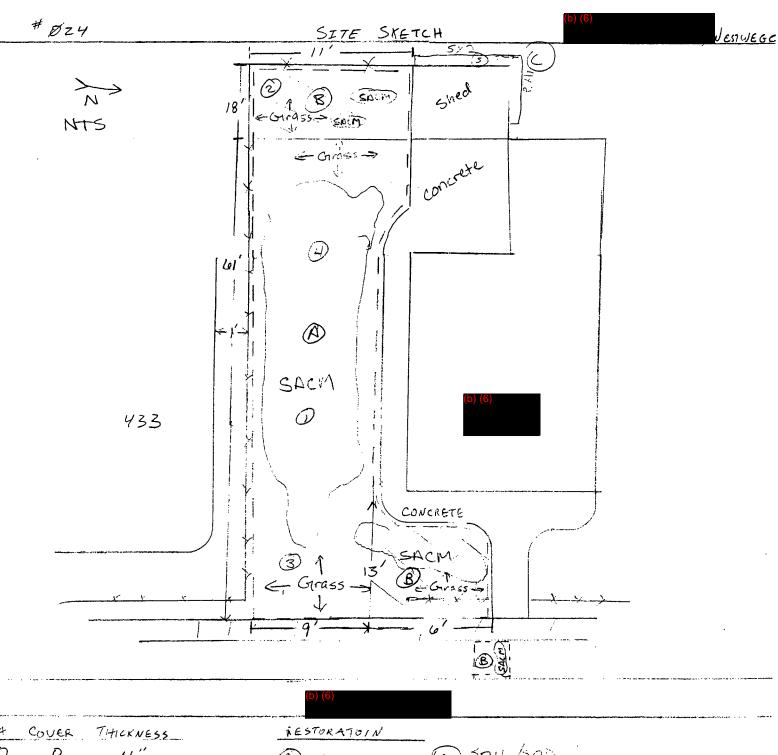
- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

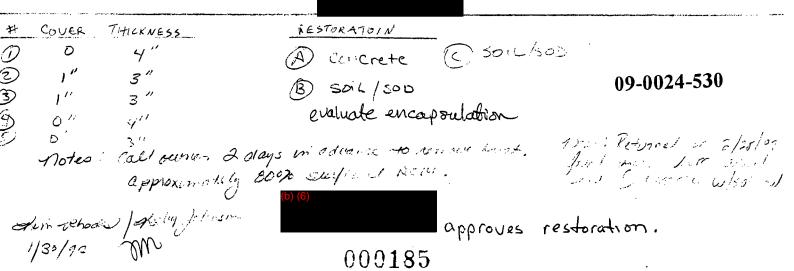
I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

SEPTEMBER 12, 1996 DATE

SIGNATURE





#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

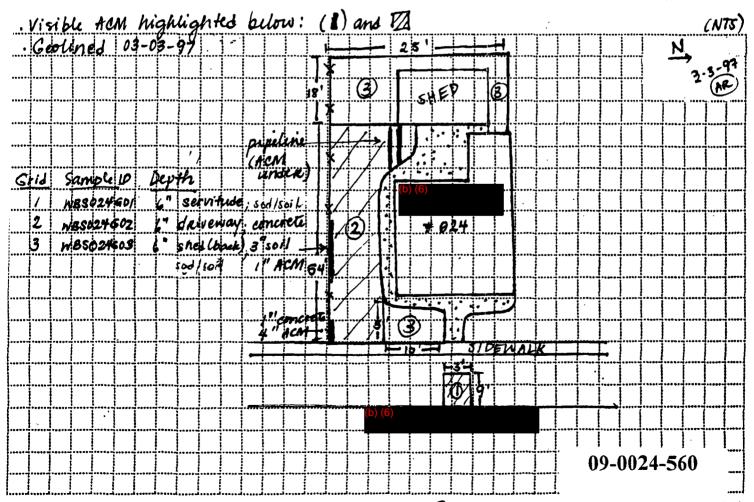
FYI:			
SITE#	024	ADDRESS: (b) (6)	_
•	,	Westwego, LA	-
THE GAR	ADUE ANIAI VOIC DE	SHETS FOR THE ADOME DEFERENCED SITE WEDE RECEIVED AND	

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 3-5-97.

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2 3 5 6 7 8

A. PROCEED WITH RESTORATION:



000186
AUTHORIZED EPA/START REPRESENTATIVE

Laure Rudf

Ann Arber, MO Manhattan, XX Scattle, WA 810-887-1497 312-668-6310 415-570-649) ZIIS-233-9007 212-298-005X

> Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

713-496-3635 Wednesday, March 05, 1997

Ref Number: TX97673

#### POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

DAMEN F	1004704	APPEARANCE	SAMPLE TREATMENT	<u> </u>	STOS TYPE	*	NONASBE.		NONFIBR <b>OUS</b>
SAMPLE WB\$034G01	LOCATION (b) (6)	Brown Fibrous Homogeneous	Teased	2% Chŋ	··· · · ·	*			Other
WBS034G02	<b></b>	Brown Fibrous Homogeneous	Teased	< 1% Chry	/sotile			100%	Other
WBS024G01		Brown Fibrous Hornogeneous	Teased	< 1% Chŋ	rsotile			100%	Other
WBS024G02		Brown Fibrous Homogeneous	Teased	i None	B Detected			100%	Other
WBS024G03		Brown Fibrous Homogeneous	Teased	< 1% Chry	sotile			100%	Other
WBS024G04		Brown Fibrous Homogeneous	Teased	< 1% Chry	sotile		•	100%	Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hemandez, Ji **Analyst** 

Approved Signatory

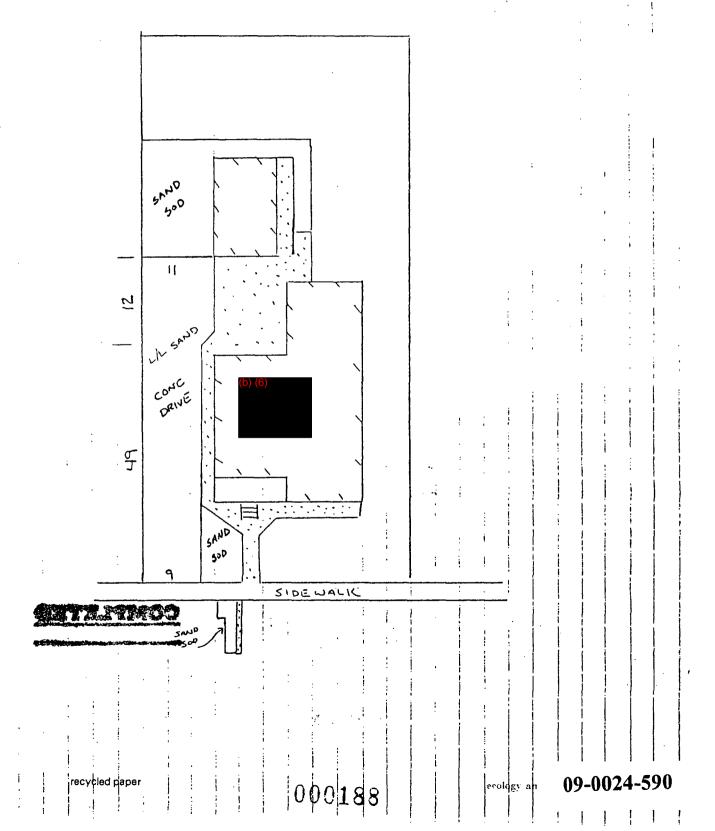
09-0024-570



Disclaimers: PLM has been known to miss asbastos in a small percentage of samples which contain asbastos. Thus negl guaranteed. Floor lites and whose should be tested with either SEM or TEM. The above test report relates only to the item only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product of nor any agency of the United States Government, All "MVLAP" reports with NVLAP logo must contain at least one signature not responsible for the socuracy of results when requested to physically separate and analyze lityleted samples.



By PM Date 3.4.97 Subject Restonation Site # 024 Sheet No. of \_\_\_\_\_\_ Chkd. By \_\_\_\_ Date \_\_\_\_\_\_ Proj. No. \_\_\_\_\_\_



## WESTBANK ASBESTOS ABATEMENT

RESTORATION FORM

SITE# 024

		DATE	DATE	DATE			
					EST.	ACTUAL	ACT.
	RATE				QTY.	QTY.	COMP.
ock Installation (sq.yds.)	\$6.84/sy					·	
od Installation (sq.yds.)	\$5.15/sy	7-13.97 45.50			45. <sup>52</sup>	3-13-17 45.5	En
'Concrete Installation (sq. yds.)	\$30.10/sy	3-18-87 63,50			63. <sup>50</sup>	3-15-07	En .
" Concrete Installation (sq. yds.)	\$26.40/sy						
and Installation (sq.yds.)	\$4.15/sy	3-20-87 1/5, 50			45. <sup>52</sup>	3-20-87	Fin.
ower Lift #1	\$1.16/sy	63.00			63. <del>"</del>	6300	Em)
ower Lift # 2	\$1.16/sy						
ower Lift #3	\$1.16/sy						
.ock, Brown (cu.yds.)	\$20.50/cy						
.ock, Gray (cu.yds.)	\$29.00/cy						
and (cu.yds.)	\$12.70/cy	3-11-97			13. 🚾	3-20-97	On
oncrete (cu.yds.)	N/A				10.50		
'lastić Edging (ft.)	\$1.65/ft						
Valkway Rock Inst. (sq.yds.)	\$9.12/sy						
opsoil (cu.yds.)	\$21.00/cy						
COMMENTS:	Site Ske	tch on Ba	ack of Pa	age	<b>COMP1</b> 3 - 20 - 9	Men.	

T REPRESENTATIVE SIGNATURE

NOLA REPRESENTATIVE SIGNATURE

nal	•
Cha Miton	3-20-27
Inett & Branco	0 0
wett & many	1

000189

09-0024-590

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/17/98 SITE #: 24		(b) (6) ADDRESS:
ACM LOCATED BENEATH: APPR. CRAWL SPACE HEIGHT:	HOUSE SHED	_
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)  SKETCH OR COMMENTS:		=
W Kan		
TEAM ME	MBERS: LIH	09-0024-540

000190

09-0024-540

# FIELD DATA SHEET 1

Site Information:	
Occupant:	Interviewee:
Address: ( ) (6)	estwego, LA
Phone No.:	
Owner Name Address and Phone No. if Different No. if Diff	blished home number -
ite Description:	
Description of property (circle): < single home, vacant house; vacant lot; other	duplex; business; school; daycare; church;
Problems accessing yards (circle): locked gate; resolution:	; gate; dogs; other <u>NMA</u>
3) Underground utilities installed by owner? (circle) septic tank; other	water; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; If yes, note on site sketch. How deep?	; no; don't know
(b) (6)	Shed  ALM 4x10'  Driveruse  T.C.
estimated Volume of ACM:	_
comments: Twner wants a writte from when the removal state and	finates and a work solution of
Date/Time of Interview: 11/8/96	Access Granted (circle): yes; no
eam Members: MA/5N	

#### Resident Contact Log Owner

Residence Number: 025 Property Address: (b) (6)	Westwego
Owner Name:	
Current Location/Phone/Fax: Unknown	1975年,1976年,1975年,1986年,1986年,1986年

	1997				<u> </u>	a Linguista participation of the of	, A. A. Santager	1 toler
M/P/W	Date	Time	Init	R/I	*	Comments	* * * * * * * * * * * * * * * * * * *	Status
W	9/11	0900	tw	I	Unable	to conta	ct owne	at phon
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					Em. Comment			
					er de la proposition de la company de la company de la company de la company de la company de la company de la La company de la company de la company de la company de la company de la company de la company de la company d	e arman e e Markey is alse	Same Same Same Same Same Same Same Same	one of particular contracts
	***							
					<del></del>			

M=Meeting; P=Phone Call; W=Fax or Written

Init=Your Initials

R=Received; I=Initiated Communication

Comments: Briefly discuss purpose/reference other forms or documents that may have been completed.

Status: Note any milestones (received access, keys, etc.) or follow-up actions to take place.



# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION 6 1445 ROSS AVENUE, SUITE 1200 DALLAS, TX 75202-2733

A PROPERTY OF THE PARTY OF THE

September 11, 1997

Dear Mr. and Mrs. (b) (6)

As you may be aware, the United States Environmental Protection Agency is conducting a Superfund remove action in the Westbank area of Louisiana. Your property at St., Westwego, has been identified as containing asbestos containing material. We have been unable to contact you regarding the removal of this hazardous material from your property.

Our goal is to mitigate the threat to human lealth and the environment posed by the asbestos located on your property. However, our project is nearing completion. It is imperative that you contact us regarding this issue at your earliest convenience. Please contact an EPA representative at either (504)367-6788 or (504)363-4917

I have enclosed the latest fact sheet regarding the removal project for your information. Thank you for your assistance and cooperation.

Since ely,

Traci D. Windheim

Federal On-Scene Coordinator, U.S. EPA

enclosures:

fact sheet, access agreement

reference: Site #025

(b) (6)

., Westwego

09-0025-600

000193

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9 17 98  SITE #: 25		(b) (6)  ADDRESS  WCSTWCGO
ACM LOCATED BENEATH:	HOUSE SHED	
APPR. CRAWL SPACE HEIGHT:		
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)	ST hate and the state of the st	
SKETCH OR COMMENTS:		
NO ACM		
<u>/</u>		

000194

TEAM MEMBERS: 415

09-0025-540

Tracking Number	026
-----------------	-----

#### FIELD DATA SHEET 1

Site Information:

Occupant:	family		Interviewee: (6) (6)	
Address:		11	estivear. Lt	170094
Phone No.:	3)	/ (b) (	6)	
Owner Name Address an	od Phone No. if Differe	ent Than Occupan	(b) (6)	
Site Description:				
Description of property vacant house; vacant		ne; duplex; t	ousiness; school; day	care; church;
Problems accessing yar resolution:	ds (circle): locked g	ate; gate; do	gs; other <u>No</u>	
3) Underground utilities ir septic tank; other Note location on site sk		cle): no; wat	er; gas; electric; ca	able TV;
4) Is any underground AC  If yes, note on site sketch		yes; no, don'	t know	
Site Sketch:	louse X X X SIDEWAUK	SHE ACM) - 6		
Estimated Volume of ACM	1:			
Comments:				
Date/Time of Interview:	13:50	10/17	Access Granted (circle):	(yes;) no
Team Members: K	5/TC	1		09-0026-510
	(	0001	105	U7-UU4U-31U

TRACKING# 600

## CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:		<u> </u>	
Property's Address:			
State/Zip: 19.70094	Phone Number(s):(b) (6)		

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

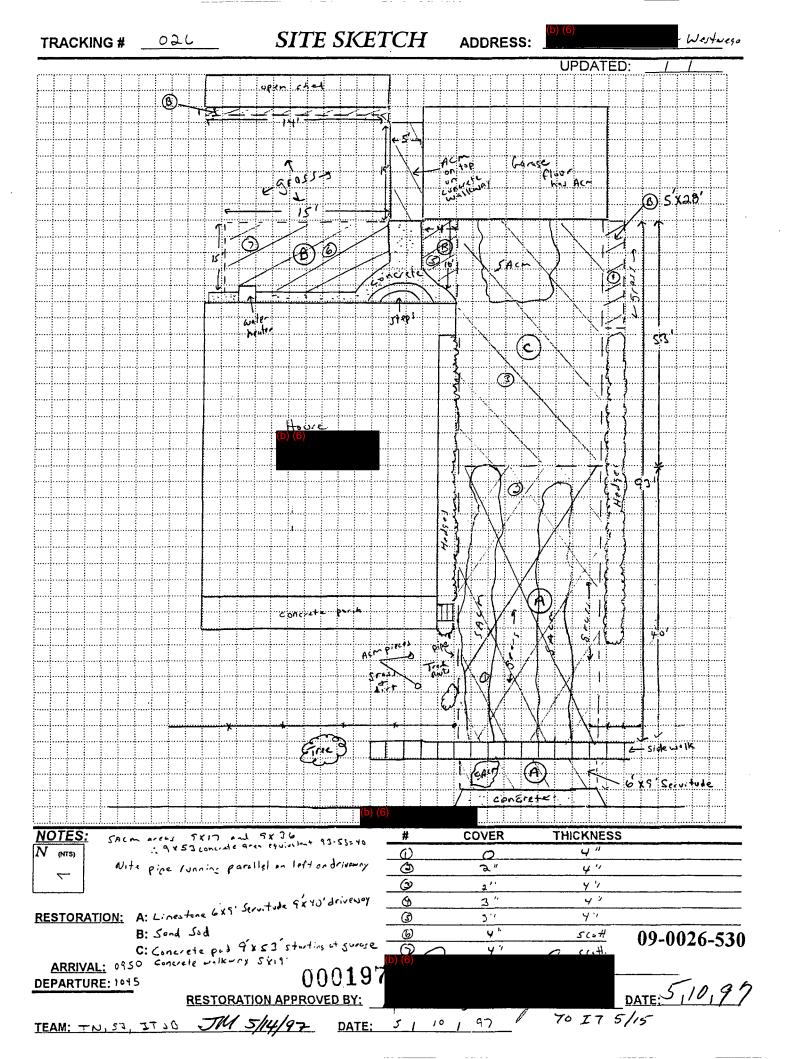
I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

[5] (6)

SIGNATURE

9-11-96 DATE



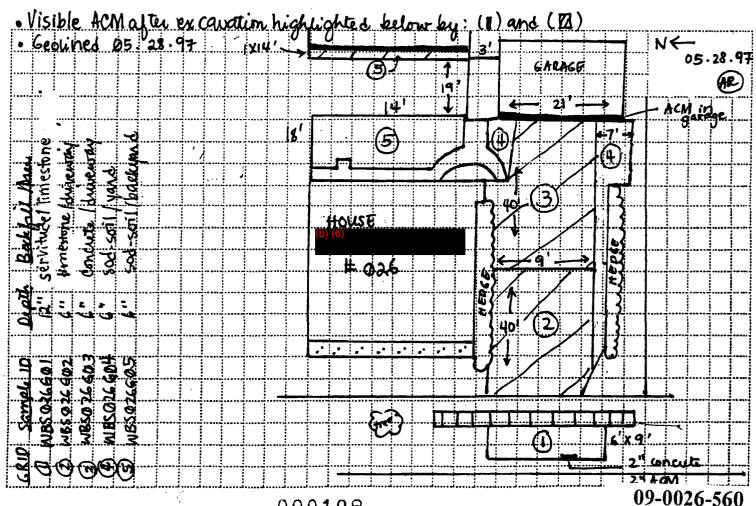
#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION **USEPA START TEAM**

		West wego, LA	
SITE#	026	ADDRESS: (b) (6)	·
FYI:			

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 06/02/97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 8  $\checkmark$   $\checkmark$   $\checkmark$ A. PROCEED WITH RESTORATION: B. FURTHER ACTION NECESSARY:



000198

AUTHORIZED EPA/START REPRESENTATIVE <u>Alme filler</u>

Westmoont, NJ Fiscalaway, NJ Carie Pleos, NY Munhattan, NY Seattle, WA Ann Arbor, NY San Marce, CA Dimyres, GA Greensbare, NC Souther, YA 608-4504 B08-861 6550-5650 516-867-7261 212-100-0052 263-253-5007 313-668-8818 415-570-5601 404-121-4006 B10-297-3-457 719-256-3535

EMSL

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Monday, June-02, 1997

Ref Number: TX972040

#### POLARIZED LIGHT MICROSCOPY (PLM)

#### Project: 060601RAG1 WESTBANK ASBESTOS

			SAMPLE	ASBESTOS % TYPE	*	<u>NONASÉ</u> FIBROUS	BESTOS % NONFIBROUS
SAMPLE	LOCATION	APPEARANCE	TREATMENT	,,	. "	7 IDNOOG	
WBS626G05	(b) (6)	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite	:		100% Other '
<b>!</b> ;		* **	•	1			,
WBS026G01		Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			<b>98%</b> Other :
			•			• • •	400% (Alban
:WBS026G02		<sup>1</sup> Tan Non-Fibrous Homogeneous	Tesséd	< 1% Chrysotile < 1% Crocidolite			100% Other
;WBS028G03		: Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98% Other
WB\$028G04		Tan ¡Non-Fibrous Homogeneous	Teased	< 1% Chrysottle		,	100% Other
W8S026G05		:Tan :Non-Fibrous Homogeneous	 Teased	< 1% Chrysotlle < 1% Crockdolite			100% Other

Comments. For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately.

Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas Analyst

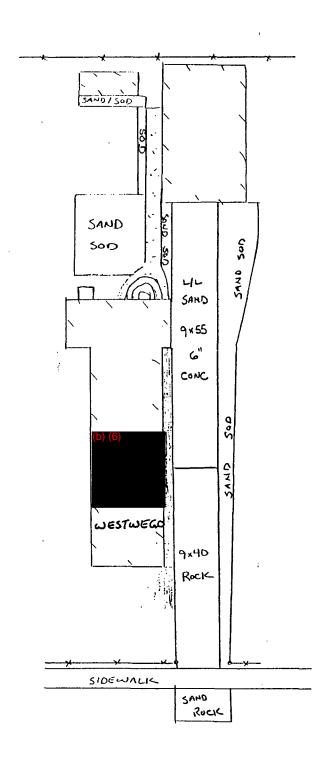
000199

Approved Signatory

Disclaimers, PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be losted with either 8EM or TEM. The above test report relates only to the items tested. This conly be reproduced in full with written approval by EMSL. The above test must not be used by the client to cleim produced not any agency of the United States Government. All "NVLAP" reports with NVLAP logo must pontain at least one sign is not reappnished for the accuracy of results when requested to physically separate and analyze layered samples.



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09-0026-590

## WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 2 SIGNATURE

#### RESTORATION FORM

SITE# OZG

	DATE	DATE	DATE	DATE	EST.	ACTUAL	ACT.
					QTY.	QTY.	COMP.
Rock Installation (sq.yds.)		-			48.50		ļ
Sod Installation (sq.yds.)					86.50		
6" Concrete Installation (sq. yds.)					55.2		
4" Concrete Installation (sq. yds.)					· · · · · · · · · · · · · · · · · · ·		
Sand Installation (sq.yds.)					91.00		
Lower Lift Sand					55.50		
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					14.00		
Sand (cu.yds.)					26		
Concrete (cu.yds.)					9.00		
Plastic Edging (ft.)					····		
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA			L				
i	Site Ske	etch on B	ack of P	Page			
COMMENTS:					7		
IT REPRESENTATIVE SIGNATU	RE			· <u></u>			
SUB 1 SIGNATURE			·			9-0026-59	0

---000201

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/17/98 SITE#: 20		ADDRESS: Westwego
ACM LOCATED BENEATH:	HOUSE SHED	
APPR. CRAWL SPACE HEIGHT:		=
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		=
SKETCH OR COMMENTS:	<del></del>	
No kon		

000202

09-0026-540

TEAM MEMBERS:

121,46 - Révisét DWb. -- wobody home at onner or residents address
1122/96- owners not home (0945)
1/23/96 access mailed to owner

Tracking Number <u>027</u>

#### FIELD DATA SHEET 1

Site Information:
Occupant: Interviewee:
Address:
Phone No.:
Owner Na (b) (6) dd acc and Phone No. if Different Than Occupant: (b) (6) (F4x or com/vite)
Site Description:
Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other
4) Is any underground ACM present? (circle): yes; no; don't know  If yes, note on site sketch. How deep?
Site Sketch:  CONC. PAD  I'X 3'  COVL. VISIDLE  COVL.  CONCRETE SIDEWALK  D) (6)
Estimated Volume of ACM: 95 fe <sup>2</sup>
Comments: lemestone in dreveway  soil /sod by backdoor
Date/Time of Interview: 11/8/96  Access Granted (circle): (yes;) no
Team Members: MH/SN
09-0027-510

000203

11-15 left letter & accors agreement at courses home BN/IM

11/21/98 -mobody kome at residents all Tracking Number 027

11/21/96 -- nobody home at owners address or residents address

#### **FIELD DATA SHEET 1**

Site Information:	
Occupant:	Interviewee:
Address: (b) (6)	Westwero, LA
Phone No.:	<i>y</i> )
Owner Name, Address, and Phone No. if Different Than Occupar (b) (c)	t: (b) (6)  There is computer
Site Description:	
Description of property (circle): single home; duplex; vacant house; vacant lot; other	business; school; daycare; church;
Problems accessing yards (circle): locked gate; gate; do resolution:	ogs; other <u>NONE</u>
3) Underground utilities installed by owner? (circle): no; was septic tank; other	ter; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; no; don' If yes, note on site sketch. How deep?	t know
Site Sketch:  (b) (6)  HOUSE  STIDEN  (b) (6)	
Estimated Volume of ACM:	
Comments:	
Date/Time of Interview: 1 8 96	Access Granted (circle): yes; no
Team Members: CMA SN	09-0027-510

## CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

RECEIVED Property Owner's Name:	(b) (6)		
Property's Address: (b) (6)		WESTW	EGO
96 NUIState/Zin: 40/47	_Phone Number(s):		,

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following powers EST ECO

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

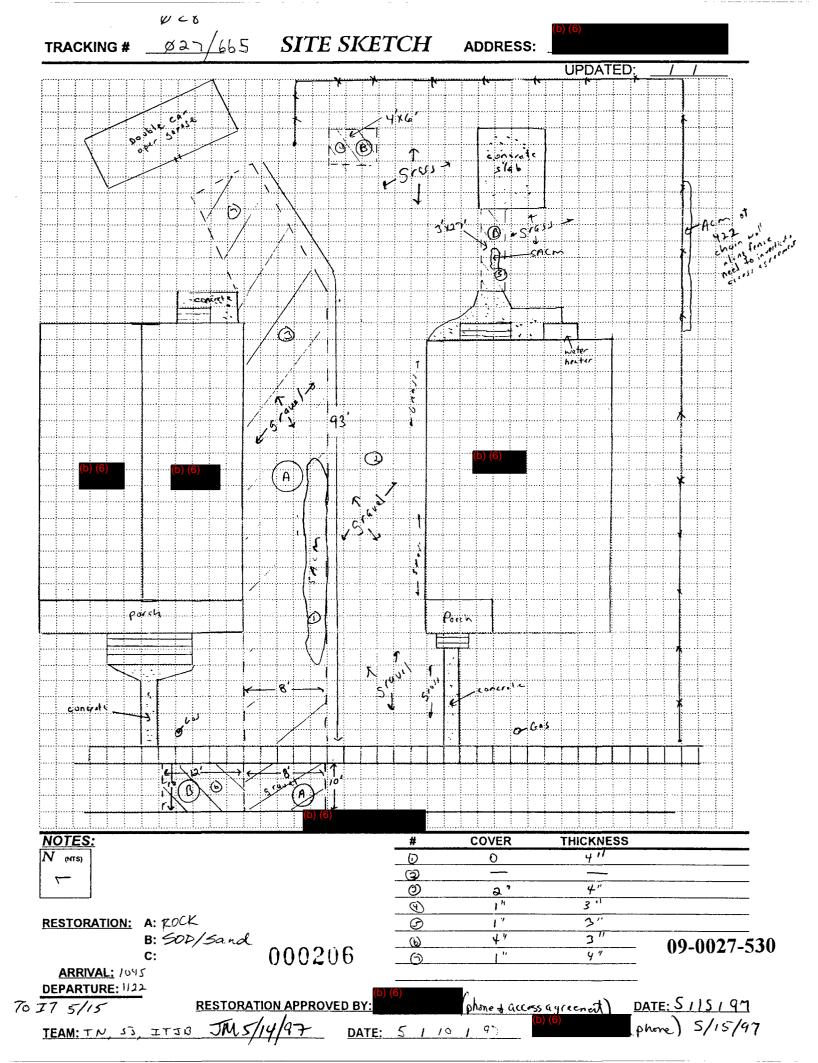
This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

11-16-96 DATE

000205

SIGNATURE

Please replace with Lime-Stone in Drivewo, and soil by back door. 09-0027-520



#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:

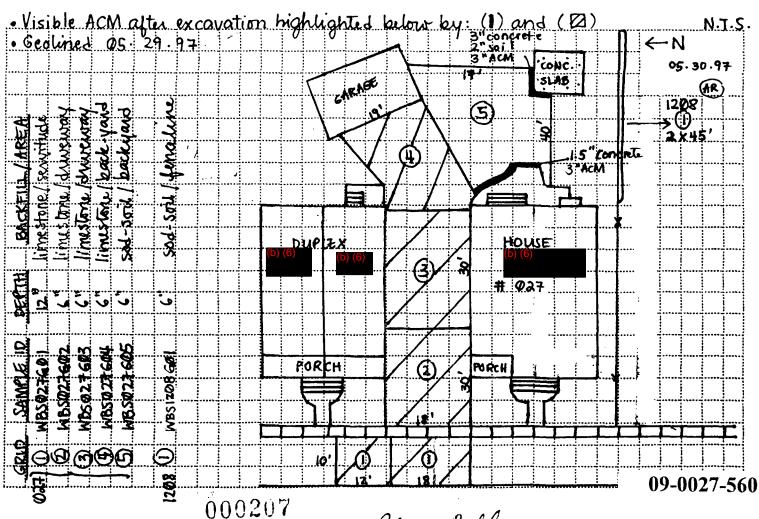
SITE# 027/665/1208	SITE#	027	665	1208
--------------------	-------	-----	-----	------

ADDRESS: (b) (6)

Westwego, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON \_06/04/97\_\_\_\_.

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING 027/665



AUTHORIZED EPA/START REPRESENTATIVE <u>Alme fuller</u>

Westmoot, 317 Placet

Ptocataway, M.

Carlo Piton, III

212.200.00K2

Saastia, WA All 202-222-2007 31

ARD Arbor, MI 312-442-6210 Sun Matne, C/ 415-679-5401 SH()736. W 404.303.408 Greensberg, IX

Housest, TX

EMSL

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Tuesday, June 03, 1997

Ref Number: TX972069

#### POLARIZED LIGHT MICROSCOPY (PLM)

**Project: WESTBANK ASBESTOS** 

			SAMPLE	ASBE	STOS		NONASBE	<u>stos</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	*	NONFIBROUS
WBS1085G03	(b) (6)	Brown	Teased	2% Chr	ysotil <del>e</del>	!		98%	Other
		Fibrous Homogeneous		< 1% Cro	cidolite				
WBS1085G04		Brown	Teased	< 1% Chr	ysotil <b>ė</b>	·: ·		100%	Other
		Fibrous Homogeneous		:		:			
		·				• • •	•		
WBS027G01		Brown	Teased	2% Chr	ysotil <del>e</del>	:		98%	Other
		Fibrous Homogeneous		:		1			
•		İ		Ì		1			
WBS027G02		Brown	Teased	< 1% Chr	ysotil <b>é</b>	!		100%	Other
		Non-Fibrous Homogeneous				!			•
. )						. <b>i</b>			
WBS027G03		Brown	Teased	< 1% Chr	ysotile	1		100%	Other
		Non-Fibrous Homogeneous		•		1			
			:		**				
·WBS027G04		Brown	Teased	Nor	ne Detected	İ		1009	6 Other
		Non-Fibrous Homogeneous							
•		;	;	i		<b>i</b>			

Comments. For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of savers" refers to number of separable subsamples.

Arthur Hernandez, Jr. Analyst 000208

Approved Signatory

Discisimers: PLM has been known to miss especies in a small percentage of samples which contrib especies. Thus in guaranteed. Floor tites and wipes should be tested with either SEM or TEM, The above test report relates only to the a only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim produced any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one aign is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

09-0027-570

Placetaway, I.

Carle Place, BY \$16-007-7251 Manhattan, By 212-288-0862 Sesttle, WA 203-223-2017 AME APPOR. NO. 313-488-4810 San Mates.

Baryma, 6/

ALA SAT LA

Sousten, TX

EMSL

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Tuesday, June 03, 1997

Ref Number: TX972069

#### POLARIZED LIGHT MICROSCOPY (PLM)

#### Project: WESTBANK ASBESTOS

			SAMPLE	ASBE	STOS		NONASE	estos	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS027G05	(b) (6)	Brown	Teased	1% Chr	ysotile		•	100%	<b>Other</b>
. 1		Non-Fibrous Hamogénéous		:					
WBS1208G01		Brown	 <sup>1</sup> Teased	< 1% Chr	ysotile	· l · ·		100%	• Other
:		Non-Fibrous Homogeneous		<u> </u>					
WBS048G01		Brown	Teased	2% Chŋ	<u>-</u>	:	•	98%	6 Other
		Non-Fibrous Homogeneous		< 1% Cros	cidolite	:			
		· · · · · · · · · · · · · · · · · · ·	: '			•	•		
WBS048G02		Brown	Teased	2% Chr	-	!		98%	6 Other
•		Non-Fibrous Homogeneous		1 1 % 010					•
WBS1084G01		Brown	Teased	< 1% Chr	ysotile			100%	6 Other
,		Non-Fibrous Homogeneous	:						•
		. Comment State		ا مناهد المناهد					
WBS1064G02		Brown Non-Fibrous	Teased	< 1% Chr	ysotile	:		100%	6 Other
!   :	Special production and the con-	Homogeneous	•	A	ter y swammer	; 1			

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandsey ar.
Analyst

000209

Approved Signatory

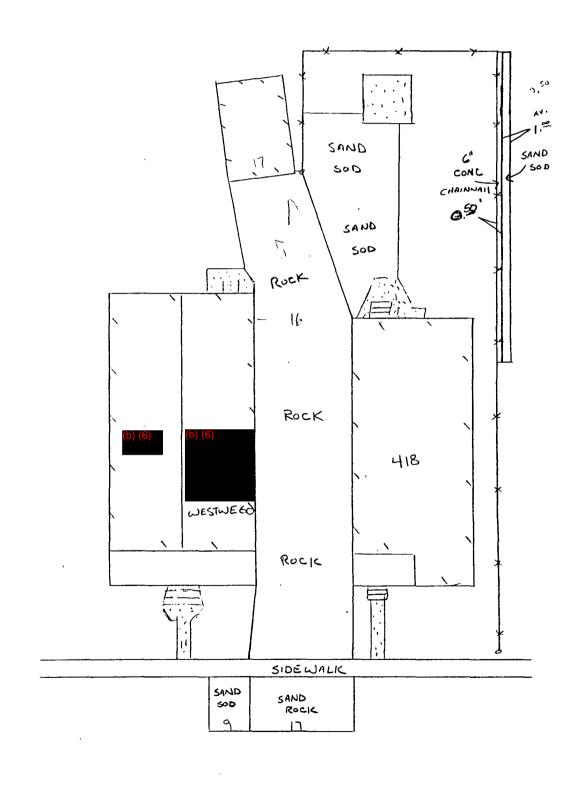
Disclaimers: PLM has been known to miss exhants in a small percentage of samples which sontain asheetos. Thu guaranteed, Pipor tiles and wipse should be tested with either SEM or TEM. The above test report relates only to the only be reproduced in full with written approval by EMSL, The above test must not be used by the ollent to claim pronor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one 1 is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

09-0027-570

7



By <u>PM</u> Date <u>G-2-97</u> Subject <u>Restantion Site</u> #027/665 Sheet No.\_\_\_ of \_\_\_\_\_ Chkd. By \_\_\_ Date \_\_\_\_\_ Proj. No.\_\_\_\_\_



## WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 2 SIGNATURE

#### RESTORATION FORM

SITE# 027/665

	DATE	DATE	DATE	DATE			
					EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					202.5 <u>°</u>		
Sod Installation (sq.yds.)					63.50		
6" Concrete Installation (sq. yds.)					3,50		
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					92,50		
Lower Lift Sand							
Rock, Brown (cu.yds.)	·		~				-
Rock, Gray (cu.yds.)					48.°°		
Sand (cu.yds.)				1	30.°°		
Concrete (cu.yds.)					0,50		-
Plastic Edging (ft.)					1		
Walkway Rock Inst. (sq.yds.)							-
Topsoil (cu.yds.)							
EXTRA							
•	Site Ske	etch on B	ack of P	age ?			
COMMENTS:			<del></del>				<del></del>
IT REPRESENTATIVE SIGNATU	IRE						·00 -
SUB 1 SIGNATURE		00002	11			09-0027-5	フひ

### WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 917198  SITE #: 27		ADDRESS: Westwego
ACM LOCATED BENEATH:	HOUSE	
APPR. CRAWL SPACE HEIGHT:		=
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		=
SKETCH OR COMMENTS:		
W Han		
TEAM ME	MBERS:	B

09-0027-540

Tracking Number	028

#### FIELD DATA SHEET 1

Site Information:					
Occupant: (b) (6) Interviewee:					
(b) (6)					
Phone No.:					
(b) (6) Name Address and Phone No. if Different Than Occupant:					
Site Description:					
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other					
2) Problems accessing yards (circle): locked gate; gate; dogs; other					
3) Underground utilities installed by owner? (circle): no: water; gas; electric; cable TV; septic tank; other Note location on site sketch.					
4) Is any underground ACM present? (circle): yes; no: don't know  If yes, note on site sketch. How deep?					
Site Sketch:					
(b) (6) (b) (6) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d					
Estimated Volume of ACM:					
Comments: limestone					
Date/Time of Interview: 11/8/96 945 Access Granted (circle): (yes;) no					
Team Members: WA / SN 09-0028-510					

## CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:		
Property's Address: (b) (6)		Westwego
State/Zip: LA 70094	Phone Number(s):	7

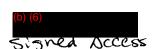
I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

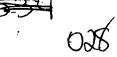
I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

11/22/96 DATE SIGNATURE



## Igned Access Agreemen CONSENT FOR ACCESS TO PROPERTY



Property Owner's Name: Property's Address: State/Zip: A 700 Phone Number(s):

I hereby consent to officers, employees, and parties authorized by the United States westween Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary,
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and a. trucks) on the property:
  - Removal of asbestos-contaminated material from the property; b.
  - Replacement of removed asbestos-containing material with a like-material (i.e., clean C. fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - The replacement with locally-available vegetation of any sod, bushes, or trees whose d. removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

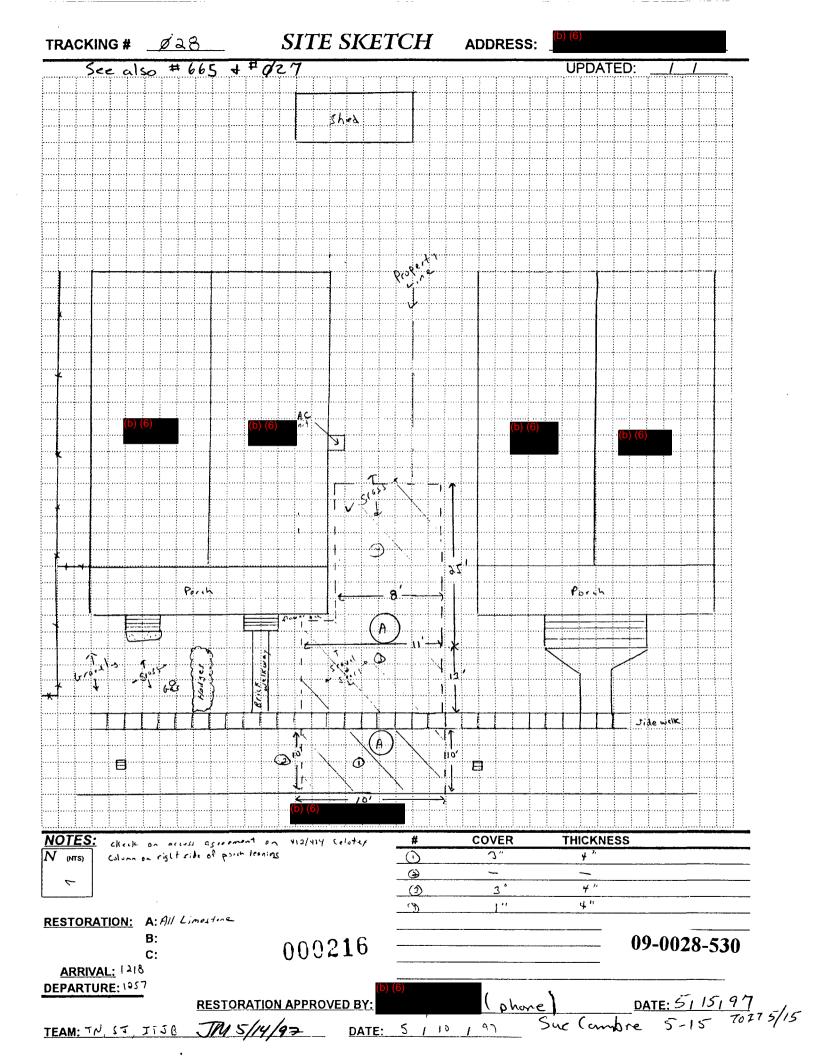
This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

11/14/96 DATE

SIGNATURE

\* crushed lemastone

09-0028-520



### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:		· : .
SITE#	Ø28	ADDRESS: (b) (6)
'	,	Westwego. LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 6-5-97.

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING

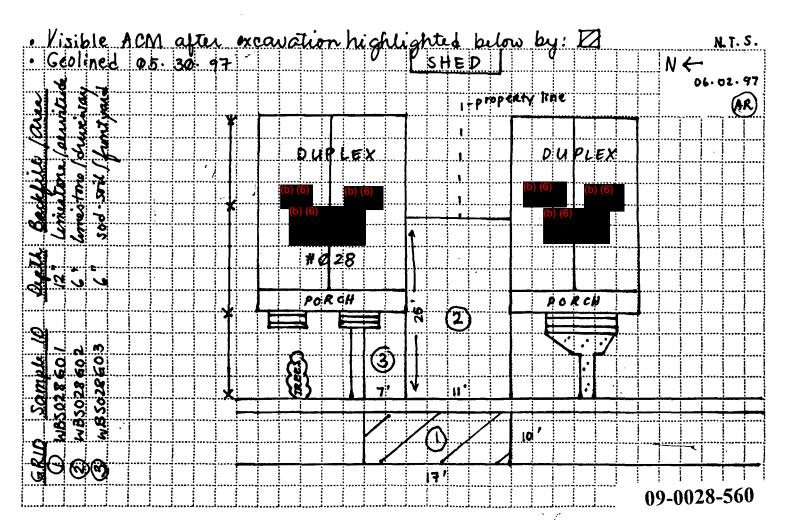
ACTION:

GRID #: 1 2

A. PROCEED WITH RESTORATION:  $\sqrt{\phantom{a}}$ 

3 4 5 6 7 8

B. FURTHER ACTION NECESSARY: \_\_\_\_



AUTHORIZED EPA/START REPRESENTATIVE

Martin

Wastenderi, N.) Pircentaway, N.I. Carle Place, NY Maddantan, NY Scattle, WA Arm Arbor, MI Sup Maise, CA Suprim. SA Dressebers, NV SSERIE, YA 809-858-4800 906-861-8656 518-987-7251 212-238-0052 203-233-9007 315-868-6810 415-579-5401 494-324-4088 819-297-1467 713-488-3435

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge. LA 70816

7136863645

Wednesday, June 04, 1997

Ref Number: TX972097

### POLARIZED LIGHT MICROSCOPY (PLM)

#### Project: 020601RAG1 WESTBANK ASBESTOS

			SAMPLE	ASRE	SIOS		NONASB	<u>ESTOS</u>
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	% NONFIBROUS
WB\$321G01	(b) (6)	Brown Fibrous Homogeneous	Teased	10% Chr 1% Cro	-	. :		89% Other
WB\$321G02		Brown Non-Fibrous Homogeneous	¡Teased	2% Chr < 1% Cro	-	i :		98% Other
<b>WBS028</b> G01		Brown Non-Fibrous Homogeneous	Teased	< 1% Chr	ysotil <del>o</del>			100% Other
- <b>WB\$028G02</b> :		Brown Non-Fibrous Homogeneous	Teased	5% Chr < 1% Cra	-			95% Other
WBS028G03		Brown Non-Fibrous Homogeneous	Teased	< 1% Chr < 1% Cro	_			100% Other
WBS039G01		Brown Non-Fibrous Homogeneous	Teased	No	ne Detected		į	100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas Analyst

000218

Approved Signatory

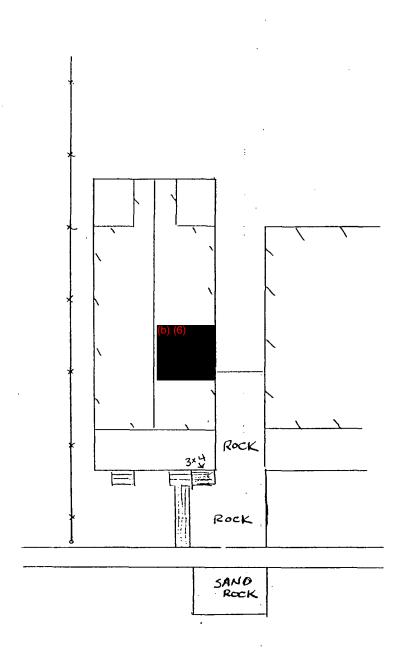
W. Walnuth

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus nempusanteed. Floor ties and wipus should be lested with either SEM or TEM. The above test report relates only to the it only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim produced in not entered in the united States Government. All "NVLAP" reports with NVLAP logo must contain at least one sign is not responsible for the accuracy of results when requested to physically separate and analyza layered semples.

09-0028-570



By PM Date 6-2-97 Subject REStonation SIE # 028 \_\_ Sheet No.\_\_\_\_ of \_\_\_\_ Chkd. By\_\_\_\_Date\_ Proj. No. \_



09-0028-590

# WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 2 SIGNATURE

### RESTORATION FORM

SITE# 028

	DATE	DATE	DATE	DATE	EST.	ACTUAL	ACT.
					QTY.	QTY.	COMP.
Rock Installation (sq.yds.)					68. <u>°°</u>		
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					18.00		
Lower Lift Sand				· · · · · · · · · · · · · · · · · · ·			
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					ZO, <sup>∞</sup>		
Sand (cu.yds.)				!	5 .00		
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	etch on E	Back of P	'age			
COMMENTS:	······································			······			
	······································	<del></del>					<del></del>
	<del></del>		<del></del>	·			
IT REPRESENTATIVE SIGNATU	IRE					,	
SUB 1 SIGNATURE		000220				<b>09-0028-5</b> 9	00 —

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 123198 SITE #: 0029	ADDRESS:
ACM LOCATED BENEATH:	HOUSE
APPR. CRAWL SPACE HEIGHT:	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM)	
SKETCH OR COMMENTS:	
NO ACM	Sidure
TEAM MEM	BERS: TS 8 EW

09-0028-540

Tracking Number	029
-----------------	-----

### FIELD DATA SHEET 1

Site Information:								
Occupant: Interviewee:								
Address: (b) (6)								
Phone No.:								
Owner Name Address and Phone No. if Different Than Occupant:								
3 (b) (6)								
work (b) (b)								
Site Description:								
1) Description of property (circle): single home, duplex; business; school; daycare; church; vacant house; vacant lot; other								
2) Problems accessing yards (circle): locked gate; gate; dogs; other								
3) Underground utilities installed by owner? (circle): no; water; gas; electric: carrier; septic tank; other								
4) Is any underground ACM present? (circle): yes; no; don't know  If yes, note on site sketch. How deep?								
Site Sketch:								
HOUSE HOUSE SIDEWALK AGAIN 9								
Estimated Volume of ACM:								
Comments: ACM UNDER CONCRETE IN GARAGE  DIRTH GRASS CHECK FOR GARAGE UTILITY BY								
Date/Time of Interview: 11 8 96 Access Granted (circle) (yes;) no								
Team Members: CWH / SN 00_0029_510								

IKACKING# 029

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

(b) (6)	
Property Owner's Name:	
Property's Address: (b) (6)	WESTWEGO,
State/Zip: 4A. 70094 Phone Number(s): (6) (6)	

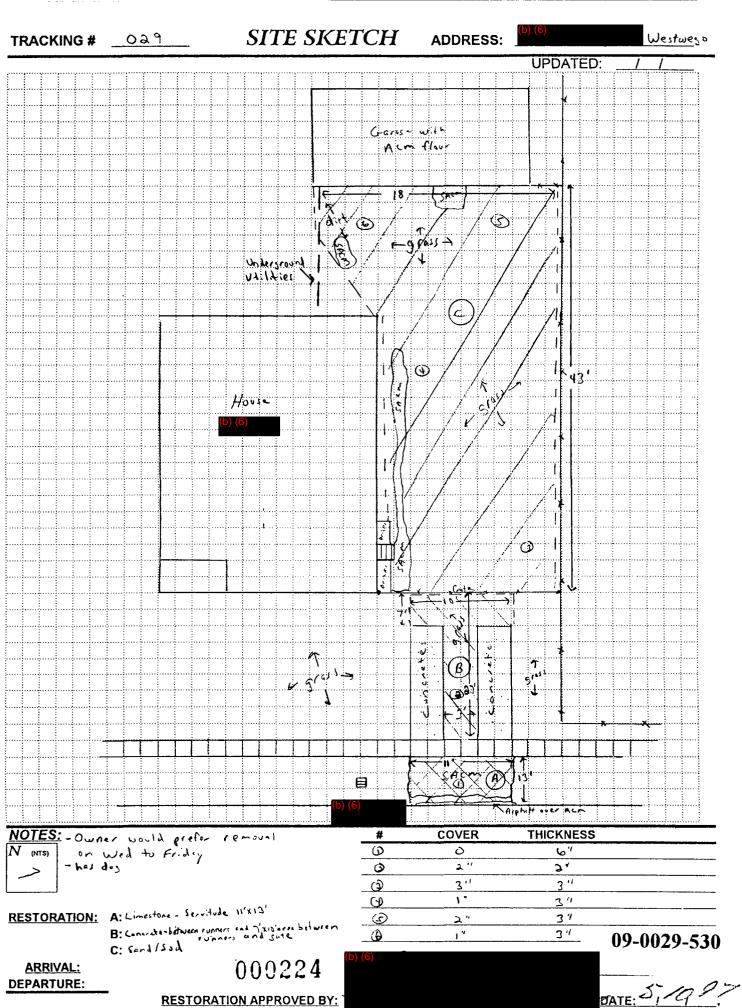
I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

DATE



TEAM: TN, ST, IT TO JM 5/14/97

DATE: 5 / 10 / 17

SATE: 154;

### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

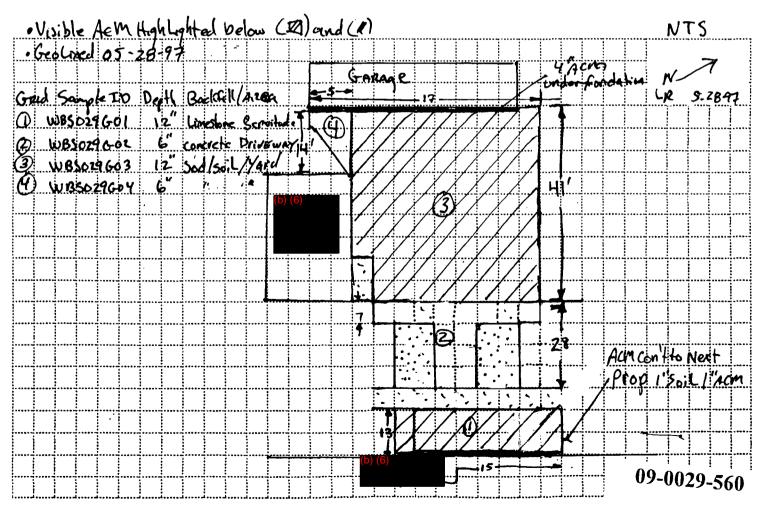
FYI:			<u>.</u>	
SITE#	029	ADDRES	SS:	
,			West wego	

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 6-5-97.

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION:  $\sqrt{\phantom{a}}$   $\sqrt{\phantom{a}}$   $\sqrt{\phantom{a}}$   $\sqrt{\phantom{a}}$  B. FURTHER ACTION NECESSARY:



000225
AUTHORIZED EPA/START REPRESENTATIVE

Martin

Wastempert, NJ (Taxonta: 905-658-6590) 906-94

Planetaway, MJ 808-941-9600

Carlo Place. If \$16997-7251 Manhattan, NY 212-280-005Z Souths, WA 203-233-8007 las Arber, M1 112-688-8810 San Mates, CA 415-578-5401 MENTEL GA

iroanabere, M 910-297-1487 Bouston, TR 713-598-3425



Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Tuesday, June 03, 1997

Ref Number: TX972068

### POLARIZED LIGHT MICROSCOPY (PLM)

**Project: WESTBANK ASBESTOS** 

			SAMPLE	ASBE	<u>stos</u>		NONASB	estos	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	*	FIBROUS	%	NONFIBROUS
WBS497G04	(b) (6)	Brown Fibrous Homogeneous	Teased	2% Chr < 1% Cro		!	•	98%	6 Other :
WB\$029G01		Brown Non-Fibrous Homogeneous	Teased	< 1% Chr		:		100%	Other
WB\$029G02		Brown Fibrous Homogeneous	Teased	2% Chr	ysotile	;		98%	6 Other
WBS029G03		Brown Non-Fibrous Homogeneous	Teased	< 1% Chr		!		100%	6 Other
WB\$029G04		Brown Non-Fibrous Homogeneous	Teased	< 1% Chr		:		100%	6 Other
WB\$499G01		Brown Fibrous Homogeneous	Teased	2% Chi < 1% Cro	ysotlis cidolite		·	98%	% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez Jr. Analyst

000226

Approved Signatory

09-0029-570



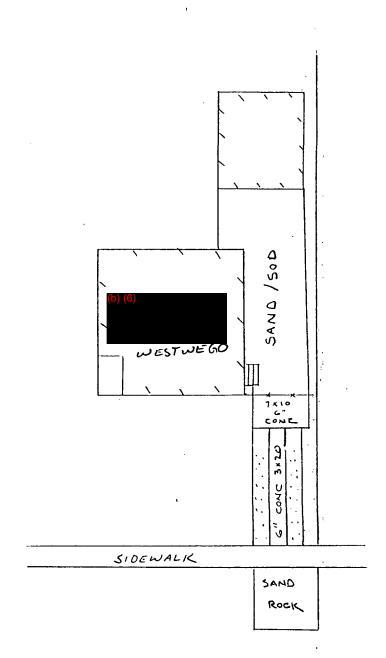
Discletimers. PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus neg guaranteed, Floor titles and wipes should be tested with either SEM or TEM. The above test report netets only to the its only be reproduced in full with written approval by EMSt. The above test must not be used by the client to claim production and purpose of the United States Government. All "NVLAP" reports with NVLAP logo must contain at test one algosture to be venu.



1
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 By \_pm
 Date 5- 29-97
 Subject \_\_\_\_\_\_\_ Sleet No.\_\_\_\_\_ of \_\_\_\_\_\_

 Chkd. By \_\_\_\_\_ Date \_\_\_\_\_\_\_
 \_\_\_\_\_\_\_\_ Proj. No. \_\_\_\_\_\_\_



09-0029-590

# WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RES	TOR	ATIC	NF	ORM
112	1 0 1 1	$\neg$		C1 (11)

SITE# 029

	DATE	DATE	DATE	DATE			
•	<del></del>		·		EST. QTY.	ACTUAL QTY.	ACT. COMP.
						<u> </u>	COMP.
lock Installation (sq.yds.)			· <u></u>		13.00	<u> </u>	· · · · · ·
od Installation (sq.yds.)					58. €0		
" Concrete Installation (sq. yds.)					14.50		
" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					76.50		
.ower Lift Sand							
lock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					4.00		
Sand (cu.yds.)				!	Z4.ºº		ļ
Concrete (cu.yds.)					ح, حو		
Plastic Edging (ft.)			· · · · · · · · · · · · · · · · · · ·				
Nalkway Rock Inst. (sq.yds.)							<u> </u>
Topśoil (cu.yds.)							
EXTRA							
<u>'</u>	Site Ske	etch on B	ack of F	Page			
COMMENTS:							
			·				
IT REPRESENTATIVE SIGNATU	JRE						
SUB 1 SIGNATURE						09-0029-59	0
SUB 2 SIGNATURE		0.0	0.2.5.8.				

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: $\frac{9/22/98}{029}$		ADDRESS:	(b) (6) Westwegn
			siding
ACM LOCATED BENEATH:	HOU	JSE D	
APPR. CRAWL SPACE HEIGHT:		<del></del>	
DESCRIPTION OF ACM:	CHU POV SLA	/DER	
PERCENT OF AREA (ACM)			
SKETCH OR COMMENTS:			
No			
TEAM MEN	IBERS:	RL, TS	

09-0029-540

Tracking Number 030
---------------------

### FIELD DATA SHEET 1

Site Information:	
Occupant: (b) (6)	Interviewee: (b) (6)
Address: (b) (6)	WESTWEGO
Phone No.	
Owner Name. Address, and Phone No. if I	Different (daughter
Site Description:	
Description of property (circle): sing vacant house; vacant lot; other	le home; duplex; business; school; daycare; church;
Problems accessing yards (circle): loc resolution:	cked gate; gate; dogs; other <u>A BNF</u>
3) Underground utilities installed by owner septic tank; other  Note location on site sketch.	
4) Is any underground ACM present? (circ If yes, note on site sketch. How deep?	le): yes; no; don't know
Site Sketch:	HOUSE (b) (6)
Estimated Volume of ACM:	
Comments: LIMESTONE/E	DGING
Date/Time of Interview: 11/896	Access Granted (circle): yes; no
Team Members: CMA SN	09-0030-510

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Nar	ne:	
Property's Address:	(b) (b)	WESTNEGO
State/Zip: h A	Phone Number(s):	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

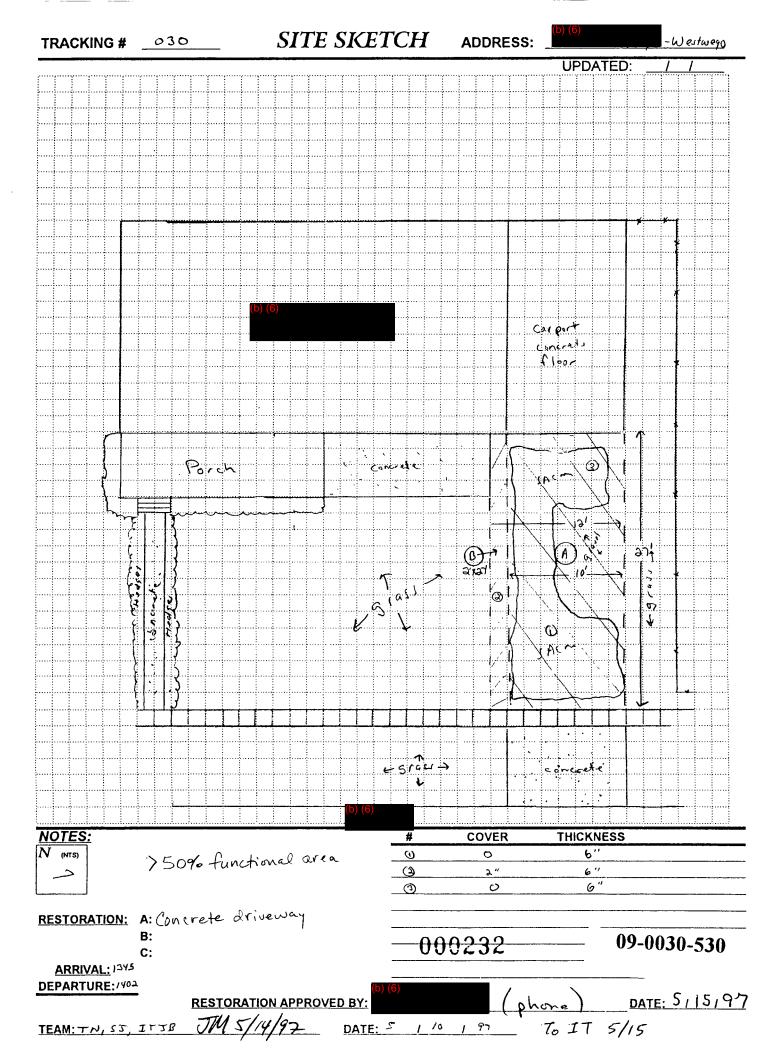
- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

DATE SIGNATURE

09-0030-520



### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:				
SITE# 030		(b) (6) ADDRESS:		
<u> </u>		Wes	twego, LA	
HE SAMPLE ANALYSIS RE VERE EVALUATED BY THE				EIVED AND
ASED ON AN EVALUATION	N OF THE ANALYT	ICAL DATA, WE RE	COMMEND THE F	FOLLOWING
	GRID#: 1 2	4	5 6 7 8	8
PROCEED WITH RESTOR	RATION: $\sqrt{\ }$			
3. FURTHER ACTION NECE	ESSARY:	<u> </u>		<u>-</u>
lisible Acm highlighted!	below: (Pa) and (	L)		NTS
reclined S-23-97				> N 5.23.97
ad Sample ID depth Books				mlin
) WB5030601 99 concret ) WB5030601 99 sodlaci			<del>                                     </del>	
		#030		
		(5) (6)		<b>,</b>
		house	2' 4-12'>	
		bough	Strain.	<b>k</b>
		2-3 cers.		
		2-3 tere. !'Aun		K
			siderbalk".	
			(b) (6)	
	000233			09-0030-560

AUTHORIZED EPA/START REPRESENTATIVE

Ann Arber, MI San Maton, CA 213-000-0016 418-870-5401 X63-233-1007

**EMSI** 

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Wednesday, May 28, 1997

Ref Number: TX972001

### POLARIZED LIGHT MICROSCOPY (PLM)

#### Project: WESTBANK ASBESTOS

Sample	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASRESTOR % TYPE	*	<u>NONASBEST</u> FIBROUS	OS N Nonfibrous
-WB8470G01	(b) (6)	Brown Fibrous Hornogeneous	Tessed	2% Chrysotlie < 1% Crocidolite			98% Other
;WB8470Q02		Brown Fibrous Homogeneous	Tessed	2% Chrysotile < 1% Crocidolite	:		98% Other
W88470G03		Brown Fibrous Homogeneous	DesgeT	2% Chrysottle < 1% Crocidolite			98% Other
W85030G01		Brown Fibrous Homogeneous	Teased	2% Chrysottis < 1% Crocidolitis			98% Other
:W8S030G02		Brown Nan-Fibrous Homogeneous	Tessed	< 1% Chrysotile	- i !	1	00% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr **Analyst** 

000234

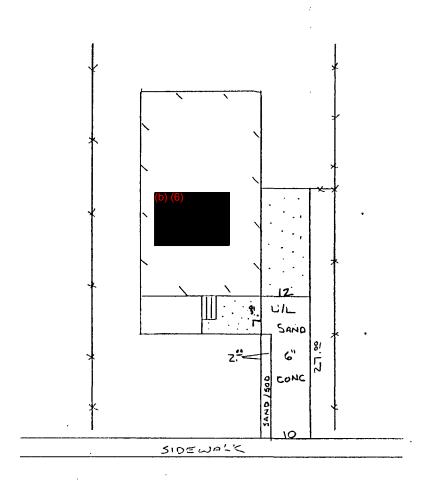
Approved Signatory

Disclariners: PLM has been known to miss inheritor in a small parcentage of samples which equiain sebestors. Thus necessive PLM results cannot be guaranteed. Floor tiles and wipse should be tested with akher SEM or TEM. The above test import interests only to the only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim produce on any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signs in not repromisible for the accuracy of results when requested to physically separate and analysis layered samples.

09-0030-570







# WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 2 SIGNATURE

### **RESTORATION FORM**

SITE# 030

·	DATE	DATE	DATE	DATE	F07	1071141	407
-					EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)							ļ
Sod Installation (sq.yds.)					4.50		
6" Concrete Installation (sq. yds.)					31.50		
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					H.50		
Lower Lift Sand					31.50		
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					3 ºº		
Concrete (cu.yds.)					.5.		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA			······································				<u> </u>
	Site Ske	tch on B	ack of P	'age			
COMMENTS:							
IT REPRESENTATIVE SIGNATUR	RE						. <del></del> _
SUB 1 SIGNATURE	•	. <b>^</b> ^	ივვნ		09-0030-590		

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/22/98 SITE #: 030		ADDRESS: Westwego	
ACM LOCATED BENEATH:	HOUSE SHED	50°C	
APPR. CRAWL SPACE HEIGHT:			
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)			
SKETCH OR COMMENTS:			_
SKETCH OR COMMENTS:	\	Soil	
SKETCH OR COMMENTS:		Sorl	

09-0030-540

Tracking Number 03	_
--------------------	---

### FIELD DATA SHEET 1

Site Information:
Occupant: Interviewee:
Address: (b) (6)  (Westwear, LA
Phone No.: (b) (6)
(b) (6)  (b) (6)
Site Description:
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other
3) Underground utilities installed by owner? (circle): water; gas; electric; cable TV; septic tank; other
4) Is any underground ACM present? (circle): yes; no; don't know  If yes, note on site sketch. How deep?
Site Sketch:  NORTH  HOUSE
SIDEWALK TO (ACM)
Estimated Volume of ACM:
comments: Linestore Wledging / call for dog to  be contained
Date/Time of Interview: 14!00 Access Granted (circle): (yes:) no
Team Members: 7C/KJ 09-0031-51

TRACKING# 231

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

	(b) (b)	
Property Owner's Name:		
Property's Address: (b) (6)		Westweco
State/Zip: LA. 70094	Phone Number(s):	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

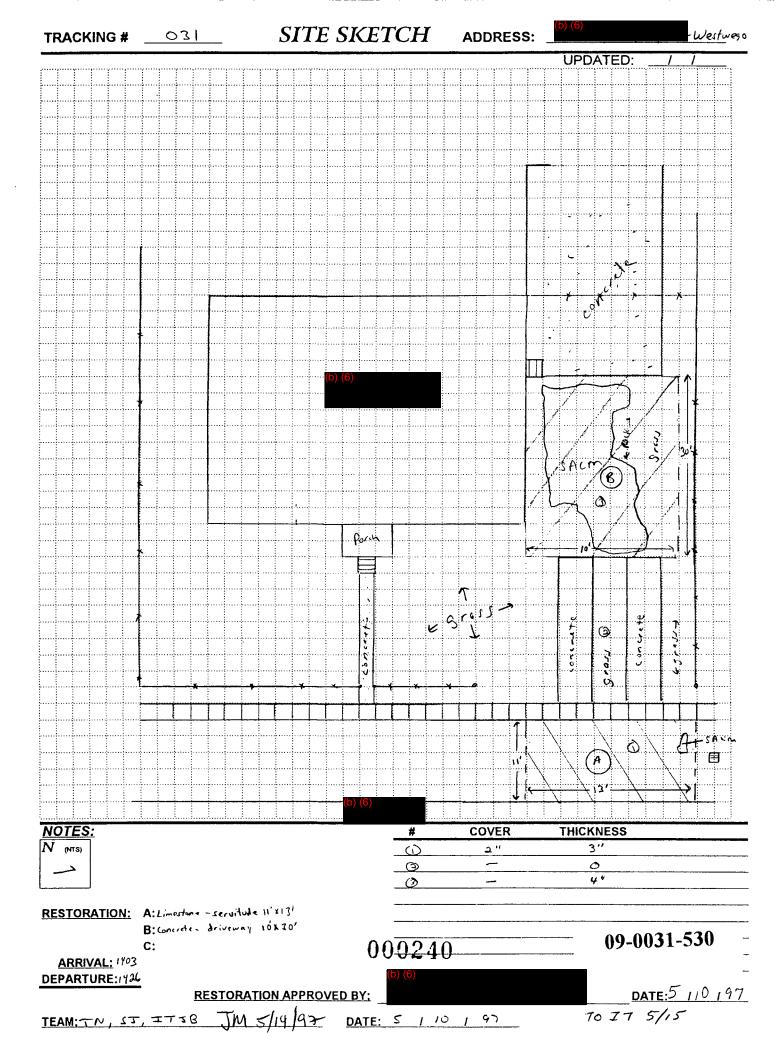
- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9/12/96 DATE SIGNATURE

09-0031-520



### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

I	FYI	:																																
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AUTHORIZED EPA/START REPRESENTATIVE Laure /

Restment, HJ Pleasterry, HJ Curio Poses, NY Mandatter, NY Sentile, NA Arm Arber, NY San Mates, CA Resymble, GA Greenberg, NC Houston, YA

AND AGE 4210 - 900-261 (455.0 \$16.007.725) 212-280-8052 203-223-8007 313-868-8210 415-578-5401 404-223-8000 919-207-7457 713-686-9636

EMSL

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Monday, June 02, 1997

Ref Number: TX972040

## POLARIZED LIGHT MICROSCOPY (PLM)

Project: 060601RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS % TYPE	%	<u>NONASBE</u> FIBROUS	<u>SIOS</u> % nonfibrous
WB5771G04	(b) (6)	Tan	;Teased	10% Chrysottle	:	•	89% Other
		Fibrous Homogeneous		1% Crocidolite			·
WBS031G01		Tan	Teased	2% Chrysotile			98% Other
		Non-Fibrous Homogeneous		< 1% Crocidolite			
Q2);		• •					
WB9471G02		Tan	Teased	< 1% Chrysotlie	1	•	100% Other
<b>,</b>		: Non-Fibrous : Homogeneous		:	:		
. ,			t				
WBS498G01		Tan	Teased	2% Chrysotlie	i		98% Other
		Non-Fibrous Homogeneous			:		
498				A A Maria Maria Paris Pa			-
WBS <del>478</del> G02		Tan Non-Fibrous	Teased	< 1% Chrysotile < 1% Crocidolite			100% Other
		Homogeneous		•			
:			•		;		
WBS626G01		Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile	;		100% Other
		•	•	· "	•		

Comments. For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas Analyst 000242

Approved Signatory

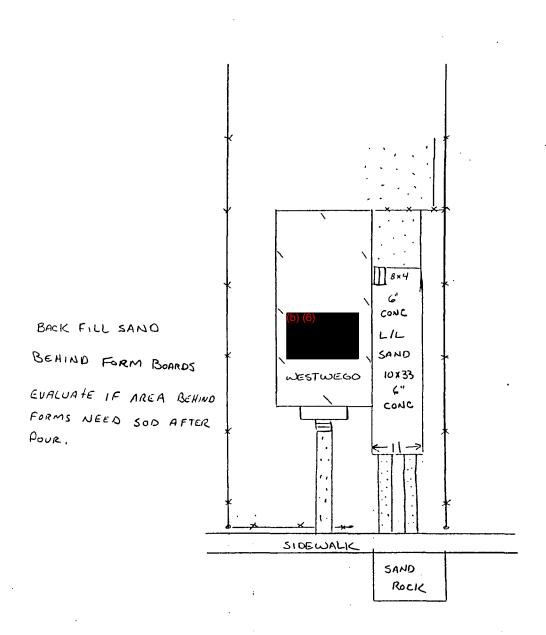
al Marketon Market

Disclaimers: PLM has been known to miss aspostps in a small percentage of earnples which contain asbestos. This riguaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim produce any eigency of the United State Government, All "MVLAP" reports with MVLAP tops must contain at least one sig is not responsible for the accuracy of results when requested to physically separate and enalysis layered samples.

09-0031-570







# WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 2 SIGNATURE

#### RESTORATION FORM

SITE# 031

	DATE	DATE	DATE	DATE			
					EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)					22. <sup>50</sup>		
Sod Installation (sq.yds.)					4.00?		
6" Concrete Installation (sq. yds.)				•	40.∞		
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					4.4		
Lower Lift Sand					40.00		
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					5.00		
Sand (cu.yds.)					8.8		
Concrete (cu.yds.)		·			6.52		
Plastic Edging (ft.)							-
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA			<u> </u>				
	Site Ske	etch on B	ack of P	age a			
COMMENTS:			· · · · · · · · · · · · · · · · · · ·				
IT REPRESENTATIVE SIGNATU	RE					-	
SUB 1 SIGNATURE						09-0031-59	0 _

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: $\frac{9/2.2/98}{03/}$		ADDRESS Westerson
ACM LOCATED BENEATH:	HOUSE SHED	state?
APPR. CRAWL SPACE HEIGHT:		<del></del>
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM) SKETCH OR COMMENTS:		<del>_</del>
M. M.		Slah

09-0031-540

TEAM MEMBERS:

### FIELD DATA SHEET 1

Occupant: (b) (6)  Interviewee:	
	74
Phone No.:	
Owner Name Address and Phone No. if Different Than Occupant:  (b) (6)	
Site Description:	
1) Description of property (circle): single home; duplex; business; school; daycare; vacant house; vacant lot; other	church;
Problems accessing yards (circle): locked gate; gate; dogs; other resolution:	
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable T septic tank; other Note location on site sketch.	V;
4) Is any underground ACM present? (circle): yes; no; don't know  If yes, note on site sketch. How deep?	
Site Sketch:  (b) (6)	NORTH
ess:    Discourse	
Estimated Volume of ACM:	
Comments: Crushed Limeston	•
Date/Time of Interview: 11.15 11 1 4/9 (Access Granted (circle): yes	;) no
	09-0032-
· · · · · · · · · · · · · · · · · · ·	, U)=000 <b>2</b> 

CONSENT FOR ACCESS TO PROPERTY

WESTBANK ASBESTOS SITE

Property Owner's Name:

Property's Address.

Property's Address.

Phone Number(s)

State/Zip: 70094

Phone Number(s)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

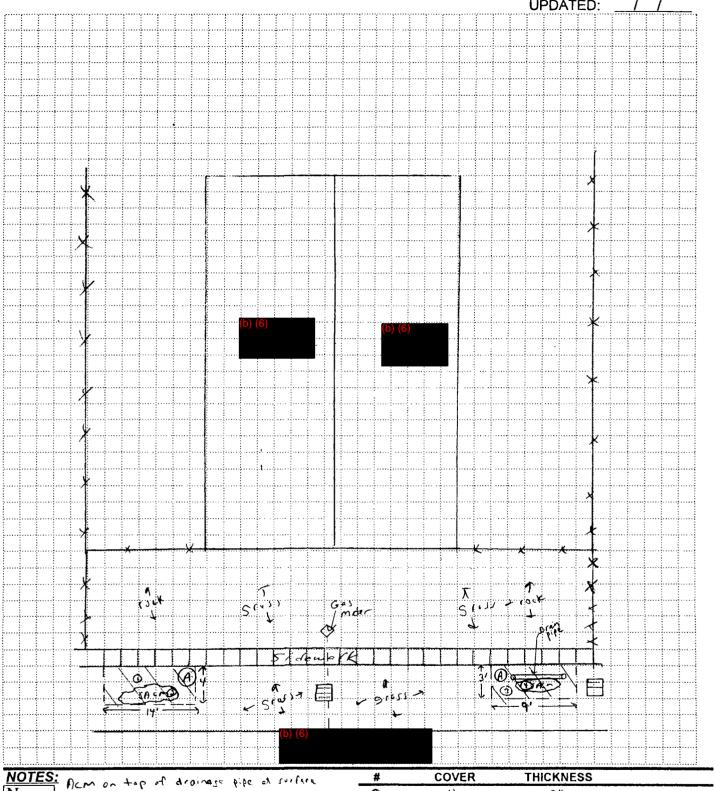
This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

Sept. 24, 1996 DATE SIGNATUR

09-0032-520

09-0033-520

TRACKING # 032+033 SITE SKETCH ADDRESS: (b) (6) Westwego



#15 NOV 48 NOV #3: 4:45 m.			
N (MS)		1,,	3"
$\nu$	( <u>a</u> )	O	o "
	<u> </u>	1."	21
	<u> </u>	0	00 0022 522
RESTORATION: A: Limestone in both serv. Huder = 3'x5'			09-0032-530
B:	-0.00	1.0	-
C:	7000	240	09-0033-530
ARRIVAL: 1430			
DEPARTURE: 1445	(b) (6)		
RESTORATION APPROVED BY		(0)	DATE. 5, 15, 97

TEAM: TN, 57, 27 30 JM 5/14/97 DATE: 5 1 10 197 70 IT 5/15

### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

-	<b>T</b> 1		
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SITE# 032+033

ADDRESS: (6) (6)

Westwego

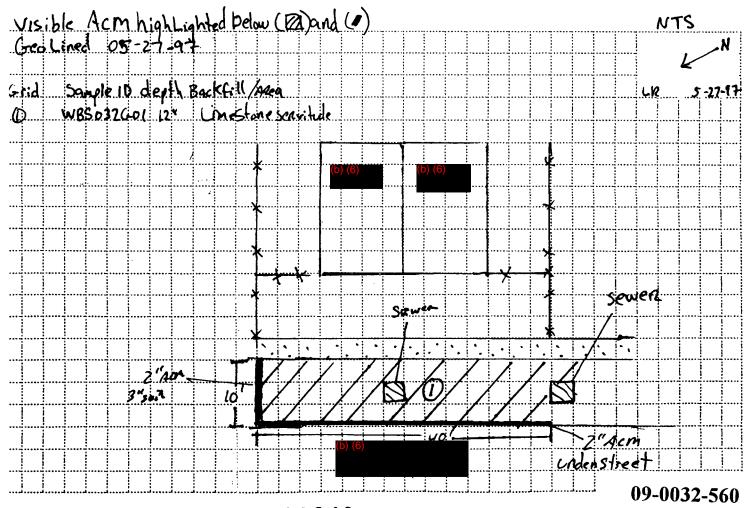
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON NO Aval as of 5-28-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: 

B. FURTHER ACTION NECESSARY:



000249

AUTHORIZED EPA/START REPRESENTATIVE Laune

Laurence Post

09-0033-560

Westmood NJ

Pleaslaway. N

Carle Place, W

W Manhalles W 12-255-calck Seattle, WA

Ann Arbor, 101 212-888-8830 Eas Maise, CA 415-570-5401

AND SEC AND

910-297-14**2**7

<u> намер,</u> 1.1

EMSL

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Monday, June 02, 1997

Ref Number: TX972040

### POLARIZED LIGHT MICROSCOPY (PLM)

Project: 060601RAG1 WESTBANK ASBESTOS

S <b>AMP</b> LE	LOCATION	APPEARANCE	SAMPLE TREATMENT	asbe: %	TYPE	%	<u>NONASB</u> FIBROUS	ESTOS % NONFIBRO	ous
:WBS1083G04	(b) (6)	Tan Non-Fibrous Homogeneous	Teased	Non	e Detected			100% Other	;
WBS49#G03		Tan Non-Fibrous Homogeneous	Teased	< 1% Chry	/sotlie			100% Other	
wBS032G01		Tan Non-Fibrous Homogeneous	Teased	< 1% Chŋ < 1% Croc		· !		100% Other	
WBS497G01		Tan Non-Fibrous Homogeneous	Tessed	2% Chry < 1% Cros				98% Other .	
WBS49 G02		Tan Non-Fibrous Homogeneous	Teased	< 1% Chr	ysotile			100% Other	:
W85497G03		Tan Non-Fibrous Homogeneous	Teased	4% Chr 1% Cro				95% Other	

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "#'of Layers" refers to number of separable subsamples.

Carlos D. Salinas Analyst

000250

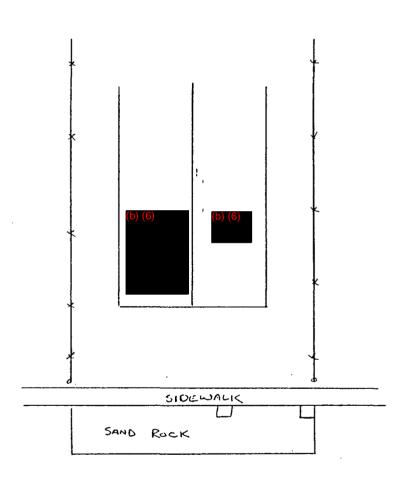
09-0032-570

Disclaimers: PLM has been known to miss eabeatos in e small percentage of samples which contain unbestos. Thus negative PP guaranteed, Floor tites and wipes should be tested with either SEM or TEM. The above test report relates sinly to the items tests only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endors nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signifure to b is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

09-0033-570

W. W. Wander





09-0032-590

09-0033-590

## WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

### RESTORATION FORM

SITE# 032/033

	DATE	DATE	DATE	DATE			•
					EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)					48. <i>5</i> 2		
Sod Installation (sq.yds.)					· · · · · · · · · · · · · · · · · · ·		
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)		·					
Sand Installation (sq.yds.)					48.50	-	
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					11.00		
Sand (cu.yds.)					10.°°	·	
Concrete (cu.yds.)							
Plastic Edging (ft.)						·	
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	tch on B	ack of P	age			
COMMENTS:							·
			<del></del>	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		
					. 0	9-0032-590	
IT REPRESENTATIVE SIGNATU	RE						
SUB 1 SIGNATURE					09	-0033-590	

000252

SUB 2 SIGNATURE

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/22/98 SITE#: 032		ADDRESS:	,
		stats	
ACM LOCATED BENEATH:	HOUSE SHED		
APPR. CRAWL SPACE HEIGHT:		=	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)		=	
SKETCH OR COMMENTS:			
MO MEM		Slah	
TEANA MAENAE	RC)	175	-0032-540

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: $\frac{9/22/98}{033}$		ADDRESS:	(b) (6)
ACM LOCATED BENEATH:	HOUSE SHED		<u>خام</u>
APPR. CRAWL SPACE HEIGHT:		<del></del>	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)		<del></del>	
SKETCH OR COMMENTS:		,	
Le M			31ab
TEAM ME	MBERS: AL	, 75	

09-0033-540

Tracking Number	034

#### FIELD DATA SHEET 1

Site Information:					
Occupant: Interviewee:					
Address: (b) (6)  Westweap LA					
Phone No.: (b) (6)					
(b) (6) Nome Address and Phone No. if Different Than Occupant:					
Site Description:					
Description of property (circle): single home, duplex; business; school; daycare; church; vacant house; vacant lot; other					
2) Problems accessing yards (circle): locked gate; gate; dogs; other NONE resolution:					
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other					
4) Is any underground ACM present? (circle): yes; no; don't know  If yes, note on site sketch. How deep?					
Site Sketch:  SHED  CONCRETE  HOUSE  SIDEWALK					
Date/Time of Interview: 11/8/96  Access Granted (circle) yes; no					
Team Members: CMA / 5N					

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE A Property Owner's Name Property's Address: State/Zip: <u>LA 70094</u> Phone Number(s): District Consenses to the property of the proper

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

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  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 2001 Et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

## CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:

Property's Address:

State/Zip: 1004 Phone Number(s):

(b) (6)

Phone Number(s):

WK5 two golf

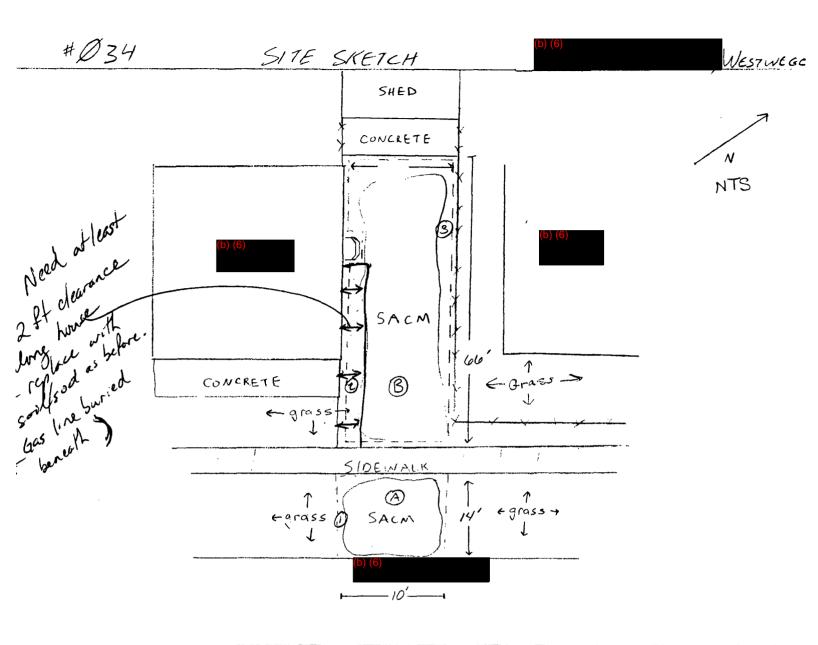
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SIGNATURE



H	COVER	THICKNESS
0	/"	3 "
Ò	2"	3"
3	2"	3"

RESTORATION NOTES

(B) Limestone Servitude ~ 90% SACM

B Concrete Driveway

(b) (6)

restration approved by:

property owner

date 3/11/97

#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

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AUTHORIZED EPA/START REPRESENTATIVE Jaurense Roul

Ann Arbor, 10 San Mates, CA Reprint, SA 313-008-0310 415-678-6401

919-897-1497 713-696-3635



Ecology & Environment, inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Wednesday, March 05, 1997

Ref Number: TX97673

#### POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

	1004500		SAMPLE	ASBESTOS % TYPE	%	NONASBE FIBROUS	<u>STOS</u> % NONFIBROU
SAMPLE	LOCATION (b) (6)	APPEARANCE	TREATMENT		. ~	ribkous	
WBS034G01		Brown	Teased	2% Chrysotile			98% Other
		Fibrous Homogeneous		<u> </u> 			
WBS034G02		Brown	Teased	< 1% Chrysotile			100% Other
		Fibrous			:		
		Homogeneous	j -				
		. 1.	1 .	) 	:		
WBS024G01		Brown	Teased	< 1% Chrysotile			100% Other
		Fibrous		:	:		
		Homogeneous	į	:	:		
		·		l	.j.		
WBS024G02		Brown	Teased	None Detected	i		100% Other
		Fibrous					
<u> </u>		Homogeneous		· 1			
:		<b>i</b>	•	1	i	·	
WBS024G03		Brown	Teased	< 1% Chrysotile			100% Other
		Fibrous	•		;		
		Homogeneous					
				a some can a canadatata an	. <b>i</b>		
WB5024G04		Brown	Teased	< 1% Chrysotile	!	• •	100% Other
		Fibrous		• • • • • • • • • • • • • • • • • • • •	İ		
		Homogeneous					

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, J **Analyst** 

000260

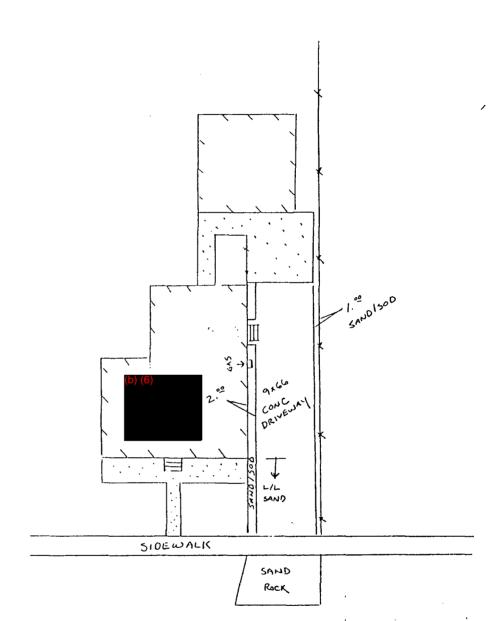
Approved Signatory



Disclaimers: PLM has been known to mise asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor files and wipes should be tested with either 6EM or TEM. The above test report retains only to the item? only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product a nor any spency of the United States Government All "NVLAP" reports with NVLAP logo must contain at least one signature.

199-0034 is not responsible for the occuracy of results when requested to physically seperate and analyze layered samples.





## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: $\frac{9/22/98}{034}$ SITE #: $034$		ADDRESS:	(b) (6) Westwego I
ACM LOCATED BENEATH:	HOUSE SHED		
APPR. CRAWL SPACE HEIGHT:		=	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)			
SKETCH OR COMMENTS:			
			Stil
$\wp$			
TEAM ME	MBERS: RL	T5	

000262 09-0034-540

Tracking Number	_035
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#### FIELD DATA SHEET 1

Site Information:					
Occupant: Vacant	Interviewee:				
Address: (6) (6)	lestorego, LA				
Phone No.: Myre	<i>"</i>				
Owner Name Address and Phone No. if Different Than Occupant	t:				
Site Description:					
Description of property (circle): single home; duplex; b     vacant house; vacant lot; other	usiness; school; daycare; church;				
Problems accessing yards (circle): locked gate; gate; dog resolution:	gs; other				
3) Underground utilities installed by owner? (circle): (no;) water septic tank; other Note location on site sketch.	er; gas; electric; cable TV;				
4) Is any underground ACM present? (circle): yes; no; don't If yes, note on site sketch. How deep?	know				
Site Sketch:  HOUSE  ACM 40  (b) (6)					
Estimated Volume of ACM:					
Comments:					
Date/Time of Interview:	Access Granted (circle), yes no				
Team Members:					

## CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

035

Property Owner's Name: Property's Address:	<i>,</i> (6)	Custodian West wego, Louisiana
State/Zip:	Phone Number(s): (b) (6)	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

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decion El 7k will perform.

DATE

SIGNATURE

Custodian

## WESTBANK ASBESTOS SITE

Property Owner's Name:

Property's Address:

| Oog | Phone Number(s):

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09-0035-52

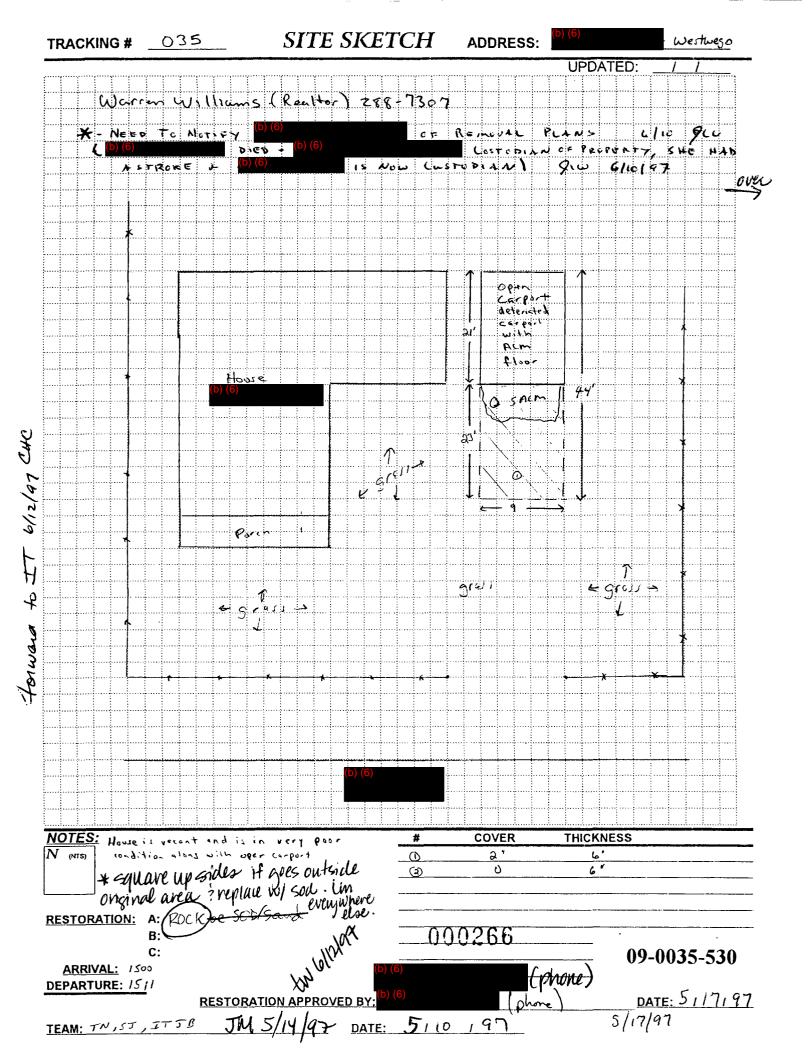
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SIGNATURE





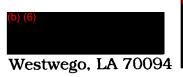
#### CITY OF WESTWEGO

OFFICE OF THE MAYOR

(504) 347-5745

ROBERT E BILLIOT MAYOR

November 13, 1996





Re: Asbestos

I have been contacted by the United States Environmental Protection Agency (EPA) to assist them in having your consent to enter your property for several purposes as stated on the form which is self explanatory. The above name and address showed up on their Consent For Access To Property Westbank Asbestos Site.

I realize this may be an inconvenience but your assistance is needed. Attached you will find a consent form for your signature. Please sign and date the form and return it to me in the enclosed stamped self addressed envelope. Once I receive the signed form I will returned it to the EPA and you will be contacted with further details and information.

If you have any questions or concerns do not hesitate to contact me. I thank your for your time and cooperation.

I look forward to seeing you. With best regards, I am

Sincerely,

Robert E. Billiot

Mayor

REB/srh

enclosures

09-0035-600



Sent out already. Stacey B.



U

Dear

During the last year, the U.S. Environmental Protection Agency (EPA) and the Louisiana Department of Environmental Quality (LDEQ) have been investigation possible asbestos contamination within communities on the west bank of the Mississippi River, south of New Orleans, Louisiana.

We investigated possible asbestos-containing material (ACM) on the above reference. property. This property has been identified as needing cleanup of asbestos-containing materials. Enclosed is the consent for access to property. Please sign the access form and return to:

> EPA Westbank Asbestos Command Post c/o John Martin Harvey State Building 2150 Westbank Expwy, Trailer in Rear Harvey, Louisiana 70058

As we discussed today, the backfill material will be limestone. If you have additional questions, please call me at (504)367-6788.

Stacey Bennett

Remedial Project Manager, for

John Martin On-Scene Coordinator U.S. EPA Region 6 (6SF-R2)

Enclosure

09-0035-600

RECEIVED
FEB 2 1 1997

#### FIELD DATA SHEET 1

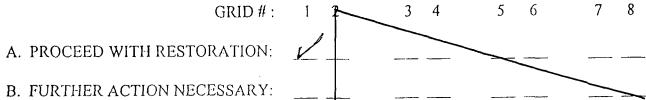
Site Information:	OWNER PASSED HOLLY  CUSTOBIAN OF PROPERTY
Occupant: Vicant?	Interviewee:
Address: (b) (6)	Westeren 1A
Phone No.: Mare	man y / si
Owner Name Address and Phone No. if Differ	REALTOR 504 288 7307
Site Description:	
Description of property (circle): single ho     vacant house; vacant lot; other	
2) Problems accessing yards (circle): locked resolution:	gate; gate; dogs; other
3) Underground utilities installed by owner? (ci septic tank; other	
4) Is any underground ACM present? (circle):  If yes, note on site sketch. How deep?	yes; no; don't know
Site Sketch: HOUSE	ACM 40 (8)
(b) (6)	
Estimated Volume of ACM:	
Comments:	
Date/Time of Interview:	Access Granted (circle) yes no
Team Members:	09-0035-600

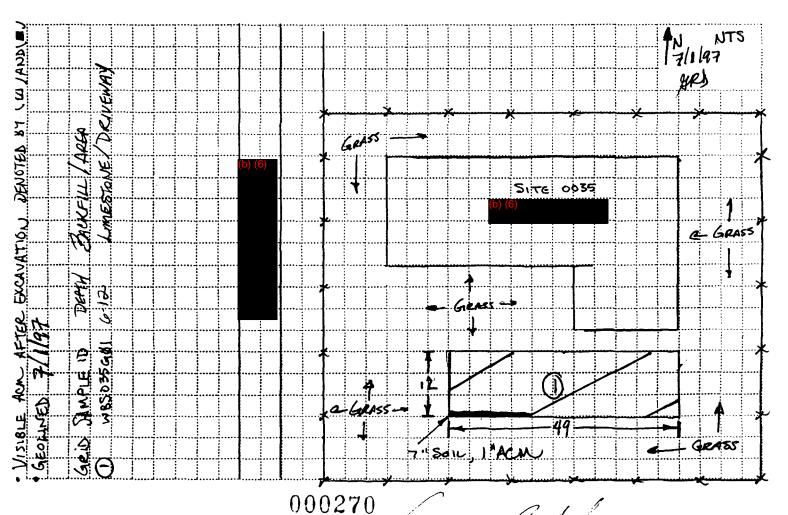
#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:		
SITE#	Ø35	ADDRESS:
		Westwego LA 70094

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON HO and, as of 7-1-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:





DEPRESENTATIVE & Amount of

Ann Arbor, MI Sen Maleo, CA Smyrna, GA Greensboro, NC Houston, TX Westmortt, NJ Piscateway, NJ Cerle Piace, NY Monhattan, NY Seattle, WA 809-858-4800 908-981-0550 518-997-7251 217-290-0057 203-233-9007 313-668-8810 415-570-5401 404-333-8066 910-297-1487 713-566-3835

Attn.: Larry Roedl

**Ecology & Environmental** 11550 New Castle Avenue Baton Rouge, LA 70816

Thursday, July 03, 1997

Ref Number: IN97394

### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 800/R-93/116 Method\*

Project: 02061 RAG1 - WESTBANK ASBESTOS

	SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS % TYPE	%	<u>NONASBI</u> FIBROUS	<u>ESTOS</u> % NONFIBROUS
	WBS213G01	o) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile ; < 1% Crocidolite		,	80% Quartz 20% Other
	WBS035G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other
	WBS389G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other
	WBS389G02		Brown Non-Fibrous Homogeneous	Crushed	3% Chrysotile		•	80% Quartz 17% Other
	WB\$389G03		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite			80% Quartz 18% Other
-	WBS389G04		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crockdolite			80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

\* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski **Analyst** 

Approved Signatory

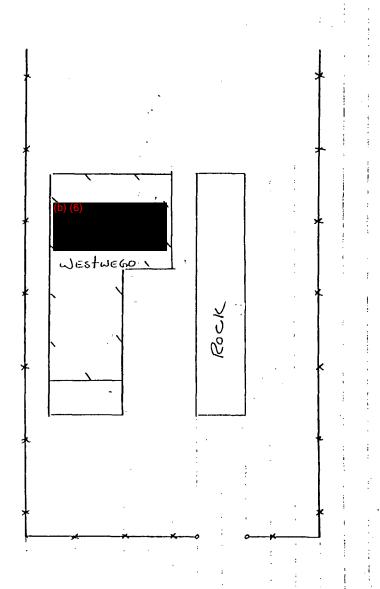
Discislmers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to mey only be reproduced in full with written approved by EMSL. The above test must not be used by the client to claim NVLAP nor any agency of the United States Government. All "NVLAP indicates with the product of the contain at least Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze leyered Analyzis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

09-0035-570





1
ノ



09-0035-590

000272

# WESTBANKIASBESTOS ABATEMENT

**UB 2 SIGNATURE** 

<b>REST</b>	ORATION	FORM
		. #
SITE#	035	

	DATE	DATE	DATE	DATE			
·					EST. QTY.	ACTUAL QTY.	ACT. COMP.
and the Anti-Art and the Art a		-			······································		
ock Installation (sq.yds.)					68.∞		
od Installation (sq.yds.)					<del></del>		
' Concrete Installation (sq. yds.)							-
' Concrete Installation (sq. yds.)	·						
and Installation (sq.yds.)							
ower Lift Sand					·		
ock, Brown (cu.yds.)							ļ
ock, Gray (cu.yds.)					28.≌		
and (cu.yds.)							<u> </u>
oncrete (cu.yds.)							
lastic Edging (ft.)							
!alkway Rock Inst. (sq.yds.)							
opsoil (cu.yds.)							
XTRA							
	Site Ske	tch on B	ack of Pa	age			
OMMENTS:							
			····				
REPRESENTATIVE SIGNATU	IRE					00 0025 59	oo
UB 1 SIGNATURE						09-0035-59	7 <b>U</b>

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/2 SITE #: 035		ADDRESS:	(b) (6) Want wego
ACM LOCATED BENEATH:	HOUSE		
APPR. CRAWL SPACE HEIGHT:		=	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)	<del></del>	=	
SKETCH OR COMMENTS:			
TEAM MEI	MBERS: RL1	5	

09-0035-540

Tracking Number _	036
-------------------	-----

#### FIELD DATA SHEET 1

Site Information:
Occupant: Interviewee:
Address: (b) (6) Westwego; LA
Phone No.: (b) (6)
(b) (6)
(D) (6)
Site Description:
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other
4) Is any underground ACM present? (circle): yes; no; don't know  If yes, note on site sketch. How deep?
Site Sketch:  X  X  X  X  X  X  X  X  X  X  X  X  X
Estimated Volume of ACM:
Comments: 500/ 4 500 / Call DeFore removal
Date/Time of Interview: Access Granted (circle): yes; no
Team Members:

## CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE



Property Owner's Name:_	(b) (6)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Property's Address:_(b) (6)	Westwego	
State/Zip: LA 70094	Phone Number(s): (b) (6)	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

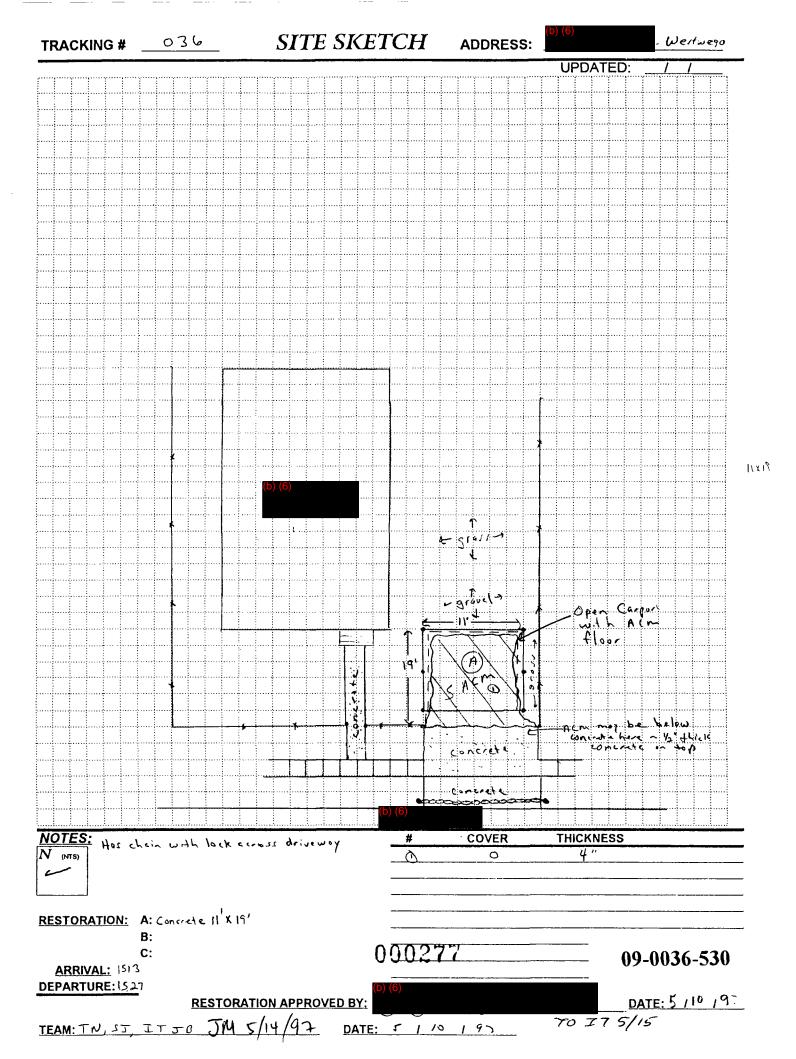
I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

This consent is granted on the condition that the EPA indemnify the grantor against any and all liability for removal costs of any hazardous materials which may be found on grantor's property and shall not become effective until accepted on these conditions. Entry by the EPA on grantor's property shall constitute acceptance.

9- 12 96 DATE SIGNATURE

000276



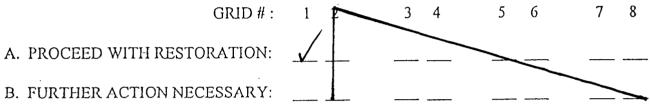
#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

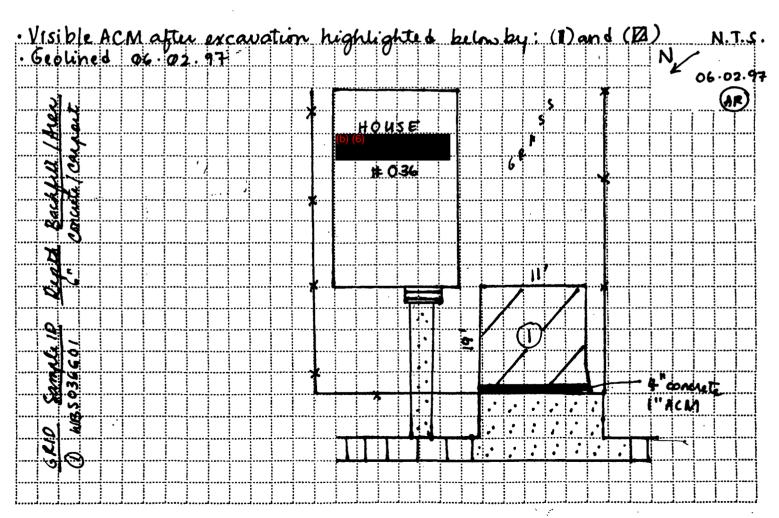
1		•	, re		Westwego	LA		
SITE#	<i>0</i> 36		<del></del>	ADDRESS:	(b) (6)		,	
FYI:								

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON No. analytical Moults

Accord 40 of 06/08/17

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:





090278
AUTHORIZED EPA/START REPRESENTATIVE \_\_

alma Rollin

09-0036-560

**(00 888 400)** 

Placetaway, NJ

Carly Place, NY

Manhattan, NY 212-090-0002

203-228-9007

313 465 4310

415-579-5481

464 323 4000

713-006-3036

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Wednesday, June 04, 1997

Ref Number: TX972120

#### POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601RAG1 WESTBANK ASBESTOS

			SAMPLE	ASBE			NONASBE		
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WB\$036G01	(b) (6)	· Вrowп	Teased	Non	e Detected	1		100%	Other
		Non-Fibrous	•	:					
		Homogeneous		:					
•		•	:			;			
:WBS467G01		Brown	Teased	Non	s Detected			100%	Other
		.Non-Fibrous	; }						•
		Нотоделеоиз	•	•					j
1			į			•			
WBS487G02		 Brown	Teased	. < 1% Chr	ysotile			100%	Other
		Non-Fibrous		•	•				1
i		Homogeneous		:					
i				i					
WBS467G03		Brown	Teased	< 1% Chr				100%	Other
		Non-Fibrous	168260	* 1 /8 Cm;	ysome			. 50 /	Our.e.
		Homogeneous	;	!					3
•		710(110 <b>g</b> 0)100u0				;			1
		· ·		•			•		
'WBS326G01		Brown	Teased	< 1% Chr	ysotile			100%	Other
		Non-Fibraus	:						
		Homogeneous							
( )			· ·			•			Ì
WBS328G02		Brown	Teased	< 1% Chr	ysotile	•	,	100%	6 Other
1		Non-Fibrous	· ·			!			
	-	Homogeneous	:	:		ĺ			
						•			

Comments: for all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. yers" refers to number of separable subsamples.

Arthur Hernandez, Ji

**Analyst** 

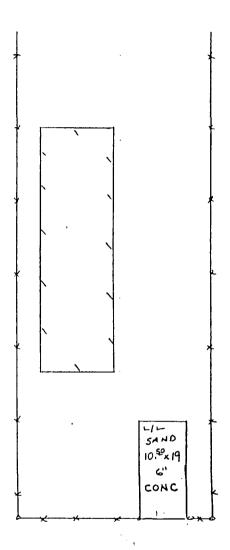
000279

Approved Signatory

Disclaimers. PLM has been known to miss ashestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the Rema tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the chent to claim a nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

09-0036-570





## WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

REST	ror	ATII	$\cap N$	FO	RN

SITE# <u>03</u>G

	DATE	DATE	DATE	DATE			
					EST.	ACTUAL	ACT.
					QTY.	QTY.	COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)					22.00		
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)							
Lower Lift Sand					22.00		
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)				ļ 	2.00		
Concrete (cu.yds.)					3. <sup>50</sup>		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							<u> </u>
	Site Ske	etch on B	ack of F	Page			

COMMENTS:		
		09-0036-590
IT REPRESENTATIVE SIGNATURE		
SUB 1 SIGNATURE		
SUB 2 SIGNATURE	000281	

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/22/98 SITE#: 355 036		(b) (6) ADDRESS	eshoezi
ACM LOCATED BENEATH:	HOUSE		
APPR. CRAWL SPACE HEIGHT:			
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)			
SKETCH OR COMMENTS:			- ( \
W) W			3/45
TEAM ME	MBERS:	TS	

09-0036-540

Tracking reminer	Tracking Number	<i>\$</i> \$37
------------------	-----------------	----------------

#### FIELD DATA SHEET 1

Site Information:
Occupant: Vacant House Interviewee:
Address: (b) (6) Westweep LA
Phone No.:
Owner Name Address and Phone No. if Different Than Occupant: (b) (6)  (b) (6)  No. home phone
Site Description:
Description of property (circle): single home; duplex; business; school; daycare; church;     vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution:
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch.
4) Is any underground ACM present? (circle): (yes, no; don't know  If yes, note on site sketch. How deep?
Site Sketch:  Site Sketch:  Sacre  Here  A  N
Estimated Volume of ACM:
Comments: TRUPERTY OWNER'S GIVEN TERMISTION TO MOVE VEHICLES IF NECESSARY. VEHICLES ARE NOT HIS AND ARE NOT ON THE TROPERTY WITH HIS PERMISSION.
Date/Time of Interview: 6/1/98 1045 Access Granted (circle): yes no
Team Members: GD / CVM

Sife# 0037

## CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:		
Property's Address: (b) (6)	Westwago	
State/Zip: LA 70094	Phone Number(s):	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

6-1-98 DATE SIGNATURE \( \sigma \)

**UPDATED:** -27 5HC:M Vehicles NOTES: Site previously sketched No No picking some for second sketch COVER **THICKNESS** RESTORATION: A: Linestone ARRIVAL: //>> **DEPARTURE:** 090285<sub>(b) (6)</sub>

TO 17 DATE: 613 198 918

APPROVED BY: OSC/ACE M DATE: 61 3 198 OWNER

GD CLAL DATE: 61/198

DATE: 611 198

## SAMPLE ANALYSIS CURPIRMALION USEPA START TEAM

FYI:																												•	
SITE#	_0	3	<u>‡_</u>											Α	ממ	ĸ	SS	(b)	(6)							·			
																		7	باد	h	<u>Ne</u>	30	1	LF	<u>_</u>				
THE SA WERE	MPLI EVAL	E Al	I'EL	CYS	SIS Y T	RE HE	SU SUS	LT: Sep	S F	OR ST	TI AR	HE TI	AB TEA	OV M	/E I	LE!	FEI O_	an <b>an</b>	<b>J</b> A	D S tic	al A	W At	ER.	ER	EC:	EIV L <b>H</b>	'ED - <b>9</b> 1	<b>ζ</b>	CIK
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4CT101	M:						GR	lD	∦:		1	2				3	4			5	G			ï	{	3			
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B. FÜP	THE	) A S	CTI	ИС	NE	CE	SS.	AR	Y:	_					,		1					_		_	<u>``</u>	<b>.</b>			
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												(b) (6	5)							1	<u> </u>	1	+						
AUTII	IORIZ	ED	EP A	VS.	ΓΛΙ	КТ		0 0 PR					۷E.	_(		Ж	a.	иС	le				M	L	1				-

## EMSL Analytical, Inc.

7136863645

2501 Central Plevy, C-13 Houston, IX 77092

Phone: (713) 686-3635

Fax: (713) 686-3645 EMSL

Atth.: Amanda Looney Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Monday, August 03, 1998

Ref Number: TX983739

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method\*

Project: 020601RAG-WESTBANK ASBESTOS

			SAMPLE	ASBESTOS		MONASR	esios	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	x TYPE	*	FIBROUT .	*	NONFIBROUS
WBS2003G01	(b) (6)	Brown	Chushed	< 1% Chrysottle			100%	Other
,,		Non-Fibrous Homogeneous						
WB\$2003G02		Brown	Grushed	<1% Chrysotile			100%	Other
,		Non-Fibrous Homogeneous						
WB\$2003G03		Brown	Crushed	< 1% Chrysotile			100%	Other
J		Non-Fibraus Hamageneous						
WB32003G04		Brown Non-Fibrous Homogenepus	Crushed	< 1% Chrysotlle			100%	Other
WB52003G05		Brown Non-Fibrous Homogeneous	Crushed	<1% Chrysolile			100%	Other
WB5037G01		Brown Non-Pibrous Harnageneous	Cruehed	< 1% Chrysotile			100%	Other

Comments: For all eleviously haterogensous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

" NY samples sino analyzed by ELAP 198-1 Method

Cartos D. Salinas 🐇 **Analyst** 

000287

Approved Signatory



mis performed by EMSI, Houston INVLAP Air and Built #102108, Thurs Dept. of Health #80-0169;

## EMSL Analytical, Inc.

7136863645

2501 Central Pkwy, C-13 Houston, TX 77092

Phone: (713) 686-3635

Fax: (713) 686-364 EMS

Attn.: Amanda Looney Ecology & Environment, inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Monday, August 03, 1998

Ref Number: TX983739

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method\*

Project: 020601RAG-WESTBANK ASBESTOS

:	.*			SAMPLE	ASS	ESTOS	NONASBESTOS					
	BAMPLE	LOCATION	APPEARANCE	TREATMENT	*	TYPE	%	FIBROUS	% NONFIBROUS			
/	WB\$037002	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	2% Ch	ryaofile			98% Other			
	WBS037G03		Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch	tyactile			100% Other			

Comments: For all obviously heterogensous samples satily asperated into subsamples, and for layered samples, each component is analyzed separately. Also, "5 of Layers' refers to number of separable subsamples.

NY samples also analyzed by ELAP 196-1 Method

Carlos D. Salinas Analyst

0.00288

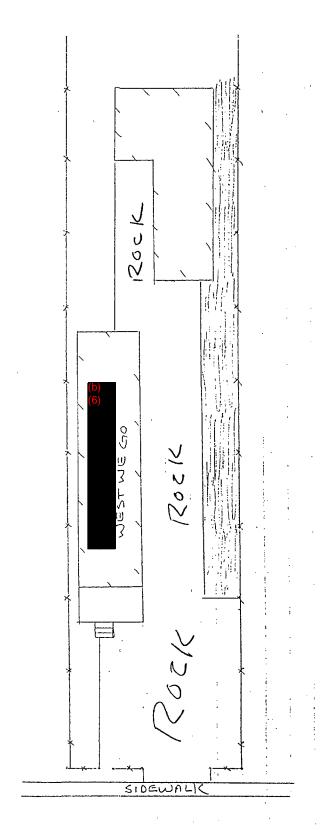
Approved Signatory





By PM Date 7-27-98 Subject RESTORATION SITE # 037 Sheet No. of

Chkd. By \_\_\_\_ Date \_\_\_\_\_ Proj. No. \_



09-0037-590

## WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

IT REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

SUB 2 SIGNATURE

RESTORATION	FORM

	DATE	DATE ]	DATE	DATE		•	
					EST.	ACTUAL	ACT.
					QTY.	QTY.	COMP.
Rock Installation (sq.yds.)					210.50		
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)				·			
4" Concrete Installation (sq. yds.)						<i>y</i> .	
Sand Installation (sq.yds.)							
Lower Lift Sand			· · · · · · · · · · · · · · · · · · ·				
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					65.00		
Sand (cu.yds.)							
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	etch on B	ack of P	age .			
COMMENTS:							
						-0037-590	
		-			09	-003	

000290

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

APPR. CRAWL SPACE HEIGHT:  DESCRIPTION OF ACM:  CHUNKS POWDER SLAB  PERCENT OF AREA (ACM)	DATE: 9/22/58 SITE #: 37		ADDRESS:	Destwezo
PERCENT OF AREA (ACM)  SKETCH OR COMMENTS:  Slab	ACM LOCATED BENEATH:	HOUSE SHED		
PERCENT OF AREA (ACM)  SKETCH OR COMMENTS:  Slab	APPR. CRAWL SPACE HEIGHT:		=	
SKETCH OR COMMENTS:  S/ab  WWW.	DESCRIPTION OF ACM:	POWDER		
	PERCENT OF AREA (ACM)		<u>-</u>	
	SKETCH OR COMMENTS:			
N1 TC	<b>\</b>			SIAB

TEAM MEMBERS:

000291

09-0037-540

Tracking Number	038
Traviding Trainious	

#### FIELD DATA SHEET 1

Site Information:
Occupant: Interviewee:
Address: (b) (6) Westwego, LA
Phone No.:
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6) (b) (6)
Site Description:
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other
4) Is any underground ACM present? (circle): yes; no; don't know  If yes, note on site sketch. How deep?
Site Sketch:  Site Sketch:  SIDEWALK
Estimated Volume of ACM:
Comments: linestone w/ edging in driveway a walkway to backfor did/grass in backgard
Date/Time of Interview: 11/196 1230 Access Granted (circle): (yes;) no
Team Members: MH SN

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner	's Nam <u>e:</u>	(5) (6)			
Property's Addi	ress:(b) (	6)	(1.) (0)	abstween	
State/Zip: 21	70694	_Phone Number(s):	(b) (b)		

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

DATE SIGNATURE

# WESTBANK ASBESTOS SITE

Property Owner's Name:

Property's Address:

State/Zip: 1 70094 Phone Number(s):

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

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//- /4/ 96 DATE SIGNATURE

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:				
Property's Address: (b) (6)			WEANEGO	
State/Zip: hA	Phone Number(s):_	(b) (6)		

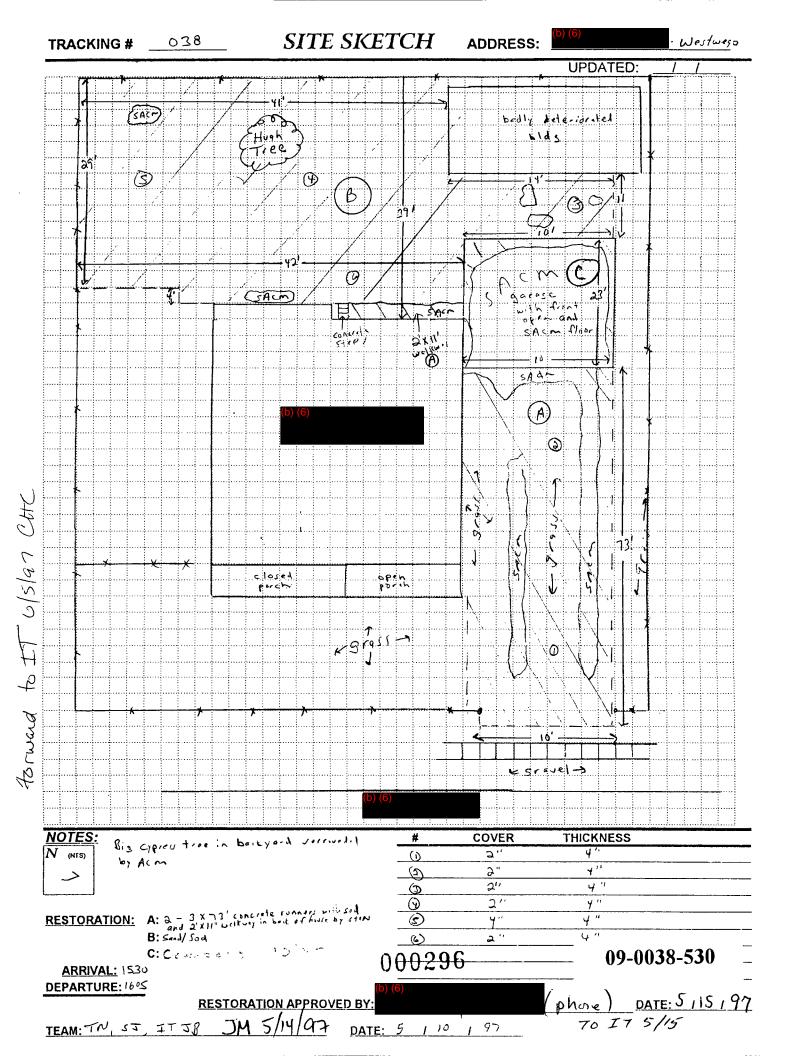
I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
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  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
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SIGNATURE



## WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

				•	
FYI:					
SITE# 038		ADDRESS: (b) (6)			
		lalest	wego, LA		
		× 4 4 4 4 1	<del>' ' ' ' ' ' '</del>		
THE SAMPLE ANALYSIS RESULTS FO WERE EVALUATED BY THE USEPA S BASED ON AN EVALUATION OF THE	TART TEAN	1 ON NO ANA	LYTICAL N	EEDED	
ACTION:  GRID #:	1 2	3 4	5 6 7	8	
A. PROCEED WITH RESTORATION:	$\checkmark$ $\checkmark$	$\checkmark$ $\checkmark$	4		
B. FURTHER ACTION NECESSARY:		<del></del>	_		
Visible ACM highlighted below: (18)  Beolined ou-19-97  INICOMPLETO depth Backfill/Area  DINBSOSSED 12" sod/soil yourd  DINBSOSSED 12" sod/soil yourd  DINBSOSSED 4 6" concrete numer driven  DINBSOSSED 6" sod/soil transition  AFloor of open-front  garage to be removed  After restoration of  drive way (Phose II)	1 /	(a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	Sheet / Sheet	NTS NTS NTS NTS NTS NTS NTS NTS	
	000297	Barbara	D. 9.L.	<b>N</b> a. 17	
AUTHORIZED EPA/START REPRESE	NTATIVE _	radioara	U. 010	May 24	

Ann Arbor, MI San Mateo, CA Smyrns, GA Greensboro, NC Jestmont NJ Piscatoway, NJ Carle Place, NY Manhattan, NY Seattle, WA 404-333-6066 910-297-1487 713-686-3535 09-858-4600 908-981-0530 516-997-7251 212-290-0052 203-233-9007 313-668-6810 415-570-5401

Attn.: Barbara Storey

Ecology & Environment, Inc. 11550 Newcastle Ave. #250

Baton Rouge, LA 70816

Monday, June 23, 1997

Ref Number: TX972494



#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method\*

Project: 020601RAG1 WESBANK ASBESTOS

			SAMPLE	ASBE	STOS		NONASBE	SIOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS038G01	(b) (6)	Tan Non-Fibrous Homogeneous	Teased	< 1% Chi , < 1% Cro	•	:		100%	Other
WB\$038G02		Tan Non-Fibrous Homogeneous	Teased	< 1% Chi < 1% Cro				100%	Other
WB\$038G03		Tan Non-Fibrous Homogeneous	Teased	2% Chi < 1% Cro		i		98%	Other
WB\$038G04		Tan Non-Fibrous Homogeneous	Teased	< 1% Chi < 1% Cro	-	:		100%	Other
WBS038G05		Tan Non-Fibrous Homogeneous	Teased	< 1% Chi	rysotil <b>e</b>			100%	Other
W8S255G01		Tan Non-Fibrous Homogeneous	Teased	< 1% Ch	rysotile			100%	Other

Comments. For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

\* NY samples also analyzed by ELAP 198-1 Method

Carlos D. Salinas **Analyst** 

**Approved** Signatory



Disclaimérs. PLM has been known to miss cabasios in a small percentage of xamples which contain azbeatos. Thus negetive PLM results cannot be puaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates r may only be reproduced in full with written approval by EMSL. The above test must not be used by the client i NVLAP nor any agency of the United States Government, All "NVLAP" reports with NVLAP logo must content Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze is Analysis performed by EMSL of Houston (NVLAP Air and Bulk #102108).

09-0038-570

## EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn.: Lawrence Roedl **Ecology & Environment** 11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Monday, July 07, 1997

Ref Number: IN97409

#### PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

**Project: 768209 WESTBANK ASBESTOS** 

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	L.O.D. flb/cc	fibers/ mm²	flbers/cc
900	SITE #503	6/19/97	1320.00	4.5	100	0.0020	<b>5.73</b>	<lod< th=""></lod<>
901	SITE #490	6/19/97	969.00	0.5	100	0.0028	0.64	≺LOD
902	SITE #290	6/19/97	1060.00	0.0	100	0.0025	0	<lod< td=""></lod<>
903	SITE #255	6/19/97	1103.00	0.0	100	0.0024	0	<lod< td=""></lod<>
904	SITE #248	6/19/97	1320.00	1.5	100	0.0020	1.91	<lod< td=""></lod<>
905	SITE #38	6/19/97	1363.00	0.5	100	0.0020	0.64	<lod< td=""></lod<>

BLANK ID: 906

Margaret Phillips MAP

**Analyst** 

000299

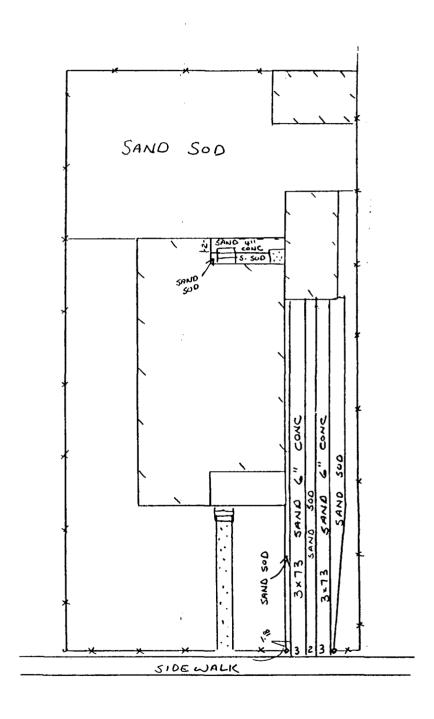
Approved Signatory

09-0038-570



LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted which is dependent on volume collected by non-laboratory personnel. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).





# WESTBANK ASBESTOS ABATEMENT

**UB 2 SIGNATURE** 

#### RESTORATION FORM

SITE# 038 I

	DATE	DATE	DATE	DATE		•	
					EST. QTY.	ACTUAL QTY.	ACT.
ck Installation (sq.yds.)							
d Installation (sq.yds.)					231.00		
Concrete Installation (sq. yds.)					48.50		
Concrete Installation (sq. yds.)					2.50		
.nd Installation (sq.yds.)						•	
wer Lift Sand					<del></del>		
ock, Brown (cu.yds.)							
ock, Gray (cu.yds.)							
ind (cu.yds.)					70.∞		
oncrete (cu.yds.)					4.50		
astic Edging (ft.)	·			~~~~			
alkway Rock Inst. (sq.yds.)							
psoil (cu.yds.)							
(TRA					· · · · · · · · · · · · · · · · · · ·		
	Site Ske	tch on B	ack of P	age		ı	
OMMENTS:							
						· · · · · · · · · · · · · · · · · · ·	
REPRESENTATIVE SIGNATU	IRE					09-0038	-590
UB 1 SIGNATURE	-	0.0	0301				

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/22/98 SITE#: 35		ADDRESS:	Westwez
ACM LOCATED BENEATH:	HOUSE SHED		
APPR. CRAWL SPACE HEIGHT:		=	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)		=	
SKETCH OR COMMENTS:			s/ah
	/		
í			
1X °			
, ,			
$\mathcal{O}_{\ell}$			
$\mathcal{O}_{\mathcal{O}}$			
/0			
1			

RL, TS 09-0038-540

TEAM MEMBERS:

Tracking Number	039

#### FIELD DATA SHEET 1

Site imormation:		
Occupant:	Interviewee:	
Address: (b) (6)	Westwego, LA	
Phone No.:	,	
(b) (6)	o. if Different Than Occupant:	
Site Description:		
1) Description of property (circle): (vacant house; vacant lot; other		;
Problems accessing yards (circle):     resolution:		 
3) Underground utilities installed by o septic tank; other		-
4) Is any underground ACM present? If yes, note on site sketch. How dee		-
Acm 12'x 50°	(b) (6)	Ñ
Estimated Volume of ACM: 600 46	· · · · · · · · · · · · · · · · · · ·	_
Comments: Both owners are u	derly and sikel. Got out of hospital 11/19	
limedone w/edg	ung	
Date/Time of Interview: 4/8/94	Access Granted (circle): (ves;) no	
Team Members: MA/5N	TC/CT 11/20	
	received occess $090303$ 09-003	9-510

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:	
Property's Address: (6) (6)	Workwear
State/Zip: LA	Phone Number(s):

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

DATE

(b) (6)

SIGNATURE

## WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:		, ; .	
SITE# _	039	 ADDRESS: (b) (6)	WE.
•	•		

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 00-004-97.

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:



000306
AUTHORIZED EPA/START REPRESENTATIVE

Barbara a. Story

Sam Matte CA Mayres M Seattle. WA Ann Arbor, MI Manhattan, NY 713-004-3036 416-879-8401 404-333-4006 203-213-9007 313-863-6510 212-200-0052 518-987-7251

> Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

7136863645

Wednesday, June 04, 1997

Ref Number: TX972097

## POLARIZED LIGHT MICROSCOPY (PLM)

#### Project: 020601RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESIOS % Type	%	NONASBE FIBROUS	STOS % NONFIBROUS
WB\$321G01	(b) (6)	Brown Fibrous Homogeneous	Teased	10% Chrysotile 1% Crocidalite	! !		89% Other
WB\$321G02		Brown Non-Fibrous Homogeneous	:Teased	2% Chrysotile < 1% Crocidolite	; :		98% Other
WBS028G01		Brown Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
- <b>WB</b> \$028G02 :		Brown Non-Fibrous Homogeneous	Teased	5% Chrysotile < 1% Crocidolite			95% Other
WB\$028G03		Brown Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite		T.	100% Other
WBS039G01	į	Brown Non-Fibrous Homogeneous	Teased	None Detected	:		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas **Analyst** 

000307

Approved Signatory

Disclarates: PLM has been known to miss assisting in a small percentage of samples which contain assesting. Thus negative PLM results cannot be guaranteed. Floor tides and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product nor any agency of the United States Government. All "NVLAP" reports with NVLAP togo must contain at least one signal is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. 09-0039-570



 By
 Date
 6-2-97
 Subject RESTORATION SITE # 039
 Sheet No.
 of

 Chkd. By
 Date
 Proj. No.
 Proj. No.

WESTWEGO SAND/SOO

# WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 2 SIGNATURE

#### **RESTORATION FORM**

SITE# 039

	DATE	DATE	DATE	DATE	<b></b> .		
					EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)					76. 00	·	
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)		•	·				
Sand Installation (sq.yds.)		·			76.00		
Lower Lift Sand			·	·			
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)				-	24.00		
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)					• •		
EXTRA			,				
	Site Ske	etch on E	Back of F	age			
COMMENTS:							
1							
						00 0020 =	00
IT REPRESENTATIVE SIGNATU	JRE				·	09-0039-5	90 -
SUB 1 SIGNATURE		<b>3</b> 4	00030	9			

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/22/98 SITE#: 39		ADDRESS:	(b) (6)	
ACM LOCATED BENEATH:	HOUSE SHED			
APPR. CRAWL SPACE HEIGHT:		=		
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB			
PERCENT OF AREA (ACM)		· =		
SKETCH OR COMMENTS:			S	,, <b>,,,</b> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
TEAM MEN	MBERS: RL,	TS		

09-0039-540

Tracking Number <u>040</u>
----------------------------

#### FIELD DATA SHEET 1

Site Infor <u>mation:</u>	
occupul.	Interviewee: (b) (6)
Address: (b) (6)	Westweav, IA
Phone No.: (b) (6)	
(b) (6) Name Address and Phone No. if Different	Than Occupant:
Site Description:	
Description of property (circle): single home vacant house; vacant lot; other	duplex; business; school; daycare; church;
2) Problems accessing yards (circle): locked gate resolution:	e; gate; dogs; other NONE
3) Underground utilities installed by owner? (circle septic tank; other	
4) Is any underground ACM present? (circle): yes If yes, note on site sketch. How deep?	s; no; don't know
Site Sketch:  Hows  ACM  SIDE NO. (6)	NORTH  NORTH
Estimated Volume of ACM:	
Comments: LIMESTONE/EDGING	
Date/Time of Interview: (1/8/96	Access Granted (circle) (yes;) no
Team Members: (M) 5/V	09-0040-51

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:
Property's Address:

State/Zip: // 70094 Phone Number(s) (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

The taking of such soil, water and air samples as may be determined to be necessary;

Other actions related to the investigation of surface or subsurface contamination;

- 3 The performance of a response action including, but not limited to, the following actions:
  - Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - Removal of asbestos-contaminated material from the property;
  - Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
    - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
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This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

1/- 14- 96 DATÉ SIGNATURE /

040

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

(D	) (6)		
Property Owner's Name:		<u> </u>	
Property's Address:		Westwago	
State/Zip: <u>LA 70094</u>	Phone Number(s)	o) (6)	

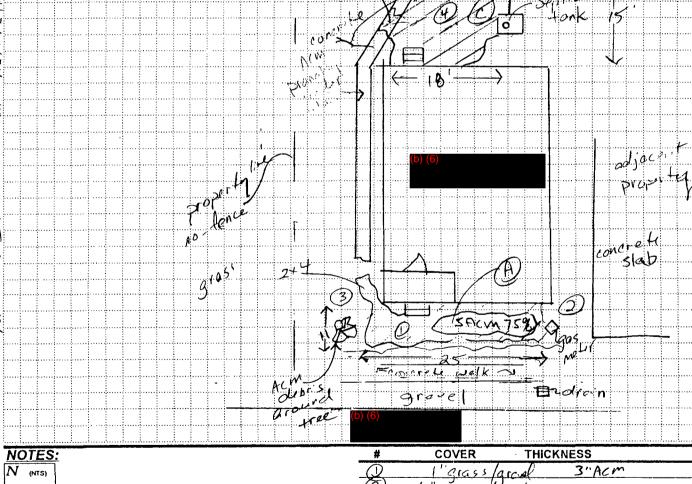
I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - (b) Removal of asbestos-contaminated material from the property;
  - Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

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1/-8 96 DATE SIGNATURE



RESTORATION: (A) concrete front 11 1 25

taxs walk or as needed soll sod bock & November 000314

09-0040-530

2" Acm

ARRIVAL: 10 30 DEPARTURE: 1/10

RESTORATION APPROVED BY:

at 0900 ha

DATE: S 1 'S1 57 -TMA

TEAM: (C PH KS JM 5/14/97 DATE: 5 112 197

## WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION **USEPA START TEAM**

FYI:					
SITE#	040	ADDRESS:	(b) (6)		
			() ESTWEGO	ZA	70094

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON OSC approved testoration

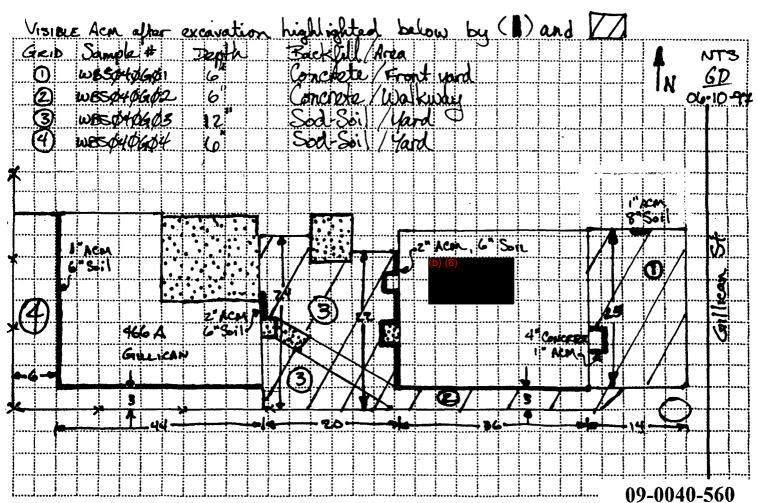
BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING **ACTION:** 

> 1 2 GRID#:

7 8

A. PROCEED WITH RESTORATION:  $\checkmark$ 

B. FURTHER ACTION NECESSARY:



090315 AUTHORIZED EPA/START REPRESENTATIVE 7M

909.861-0560 909-828-4800

Placataway, NJ

Carle Pines, NY

Manhattan, WY 212 280 0062

Senttie, WA 203-233-5007 Ann Arbor, Mi 313-998-4810

San Mates, CA 414-870-6401

BIOVING DA 404-333-4044 919-287-1467

713-698-3635

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Tuesday, June 10, 1997

Ref Number: TX972214

#### POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601RAG1 WESTBANK ASBESTOS

			SAMPLE	ASBES	510 <b>5</b>		NONASA	estos	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS492G01	(b) (6)	Brown	Teased	< 1% Chr	/sotile			100%	Other
		Non-Fibrous							
		-Homogeneous							
		;	1	•		i			
WBS492G02		, Brown	Teased	< 1% Chr	/sotile	:		100%	Other
		Non-Fibrous	ļ	i		i			
		Homogeneous				:			
		j	•	1		•			
WB\$040G0		Brown/Whtte	Teased	30% Chŋ		;		689	Other
I		Fibrous	:	: 2% Cro	cidolite				
		- Homogeneous		·					
						•			
WB\$040G02		Brown	Teased	3% Chr	•			97%	6 Other
		Fibrous		: < 1% Cro	cidolite				
		Homogeneous							
			•						
WBS040G03		Brown	Teased	< 1% Chr	ysotile .	:	·	100%	6 Other
		Non-Fibrous				:			
		Homogeneous					•		
			•	• •		•			
WB\$482G01		Brown	Teased	< 1% Chr	ysotil <del>e</del>	;	•	100	% Other
		Non-Fibrous Homogeneous		:					
		; ionioadioana				1	1		
		•							

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez

**Analyst** 

Approved Signatory

2

Disclaimers: PLM has been known to miss espectos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tries and wipes should be tested with either SEM or TEM. The above test report resides only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product nor any agency of the United States Government All "NVLAP" reports with NVLAP logo must contain a least one signals is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. 09-0040-570

> Attn.: Barbara Storey Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Thursday, June 12, 1997

Ref Number: TX972134



## POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method\*

**Project: WESTBANK ASBESTOS** 

]			SAMPLE	ASBE	ASBESTOS		NONASB	SBESTOS		
SAMPLE	LOCATION	APPEARANCE	TREATMENT	*	TYPE	%	<b>FIBROUS</b>	%	NONFIBROUS	
:WB5222G02	(b) (6)	Brown	Teased	No	ne Detected	;	•	1009	% Other	
		Non-Fibrous				:				
<b>]</b> .		Homogeneous								
1				· · · ·		•	•			
WB\$222G01-		-Brown	Teased	< 1% Chi	ysotlie	:		1009	6 Other	
		Non-Fibrous								
<b>₹</b>		· Homogeneous		•		:				
WBS040G01				00/ 05				O.R.o	6 Other	
WBSU4UGU1		Brown	Teased	2% Chi	ya-otna			50,	o O(nei	
		Fibrous Homogeneous				;				
WB\$729G01		Brown	Teased	2% Chi	vantile	1		989	% Other	
		Fibrous	108300		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	:			•	
1		Homogeneous			*	:				
,			·	_i		:				
WB\$1085G05		Brown	Teased	3% Chi	ysot#e			979	% Other	
i		Fibrous		1		i				
		Homogeneous	1	;		•				
				, <b>i</b> .						
WB\$815G01		Brown	Teased	2% Ch	rysotile			989	% Other	
		Fibrous								
	;	Homogeneous								
l		•	;							

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

"NY samples also analyzed by ELAP 198-1 Method

Arthur Hernandez, Ja Analyst

000317

Approved Signatory

Disclaimers: PLM has been known to miss sebestos in a small percentage of samples which contakt asbestos. This is guaranteed. Floor titles and wipes should be tented with either SEM or TEM. The above test report relates on may only be reproduced in Riff with written approval by EMBL. The above test must not be used by the client to a NVLAP not any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at Laboratory is not responsible for the aboutancy of results when requested to physically apparatis and analyze lays Analysis performed by EMSL of Houston (NVLAP Air and Bulk #102108).

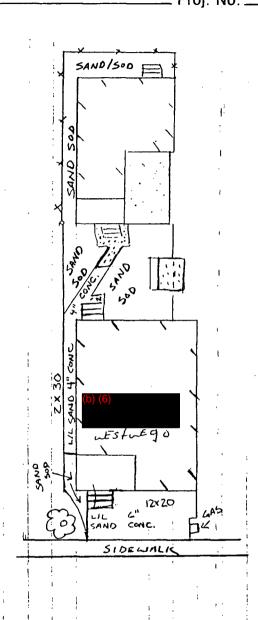
09-0040-570





1
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By \_\_\_\_\_\_ Date \_\_\_\_\_\_ Subject \_\_\_\_\_ Steet No.\_\_\_\_ of \_\_\_\_\_\_\_ Chkd. By \_\_\_\_\_ Date \_\_\_\_\_\_ Proj. No. \_\_\_\_\_\_\_



09-0040-590

ดสคาน

## WESTBANK ASBESTOS ABATEMENT NEW ORLEANS LOUISIANA

SUB 1 SIGNATURE

SUB 2 SIGNATURE

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09-0040-590

1	SITE#	040

		DATE	DATE	DATE	DATE			
	-					EST. QTY.	ACTUÁL QTY.	ACT.
₹ock Installation (sq.yd	s.)							
od Installation (sq.yds	.)			7		88.*=		
;" Concrete Installation	(sq. yds.)					26. <sup>50</sup>		
1" Concrete Installation	(sq. yds.)					6.00		
Sand Installation (sq.yd	s.)					88. <u>~</u>		
_ower Lift Sand						32.50		
Rock, Brown (cii.yds.)	:							
Rock, Gray (cu.yds.)								
Sand (cu.yds.)	,				!	31.00		
Concrete (cu.yds.)	,					5.00		
Plastic Edging (ft.)								
Walkway Rock Inst. (sq.	yds.)							
Topsoil (cu.yds.)								
EXTRA								<u> </u>
ı	ı	Site Ske	etch on B	ack of P	age			
COMMENTS:								
							·	
	·		*.*** <u>*</u>					
IT REPRESENTATIVE	E SIGNATUI	RE						

000319

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: SITE #:	9/22/98		ADDRESS:	Westwego
ACM LOCA	TED BENEATH:	HOUSE SHED		
APPR. CRA	AWL SPACE HEIGHT:			
DESCRIPTI	ION OF ACM:	CHUNKS POWDER SLAB		
PERCENT (	OF AREA (ACM)		<del></del>	
SKETCH O	R COMMENTS:			
	NOKEN			50.1
/	TEAN	MEMBERS:	173	

Tracking Number	041
-----------------	-----

#### FIELD DATA SHEET 1

Site finormation:
Occupant: Interviewee:
Address: (b) (6)
Phone No.:
(b) (6) (C) Where Name Address and Phone No. if Different Than Occupant:
Site Description:
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; (gate; dogs; other
3) Underground utilities installed by owner? (circle): (no) water; gas; electric; cable TV; septic tank; other
4) Is any underground ACM present? (circle): yes; no; don't know  If yes, note on site sketch. How deep?
HOUSE  HOUSE  10'×14'
Estimated Volume of ACM:
Comments: Crushed limestone leaging
Date/Time of Interview: 10 1896 1320 Access Granted (circle) yes; no
Team Members: Marie LIM

IRACKING# 041

## CONSENT FOR ACCESS TO PROPERTY

	WESTBANK ASBESTOS S	SITE (n. tal +
	(b) (6)	Reproperty
Property Owner's N		7 5100
Property's Address:	(b) (d)	Westween De
State/Zip:	Phone Number(s):	
		ans, mathine

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

2-14

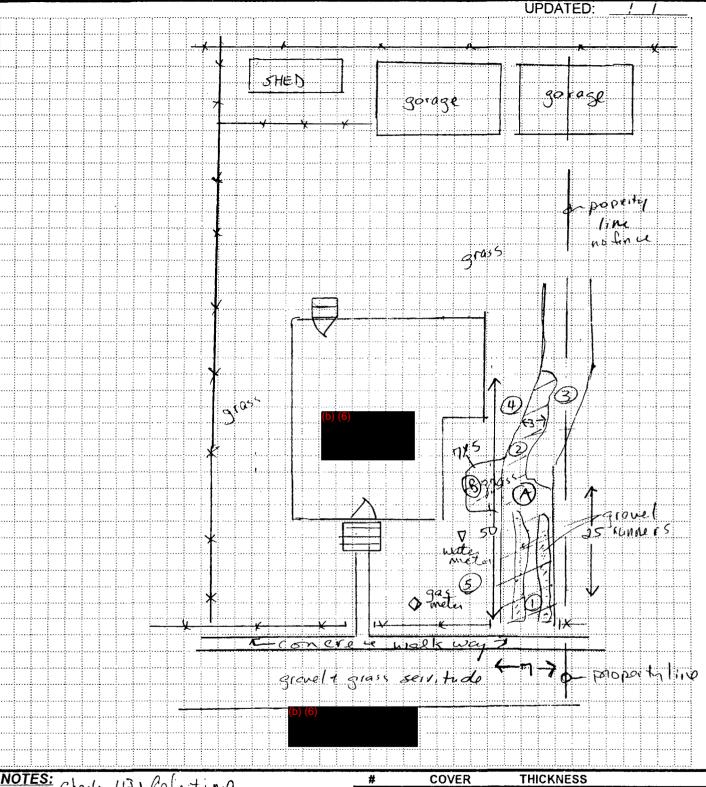
DATE

(b) (b)

SIGNATURE

000322

09-0041-520



NOTES: Check 42/ Colitine Acm doesn't oppear to be on all prop. SACM 2x4 in ohim RESTORATION: (A:) Lm drive 8x50 (B:) soil/sod remainder

3" grass /so.1 +3"Acm +3" Acm +6" 2105 /50 / -16" 3105 /50 / -16 3105 /50 /

ARRIVAL: 1330 DEPARTURE: 1420

RESTORATION APPROVED BY: (b) (6)

(phone) TO IT 5/15

TEAM: (C/PH/KS JM 5/14/97 DATE: 5 113 197

DATE: 5/15/97

09-0041-530

## WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:

SITE# 441 /1285

ADDRESS:

Westwego LA 70094

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 1-1-97 11.

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING

ACTION:

GRID#:

1 7

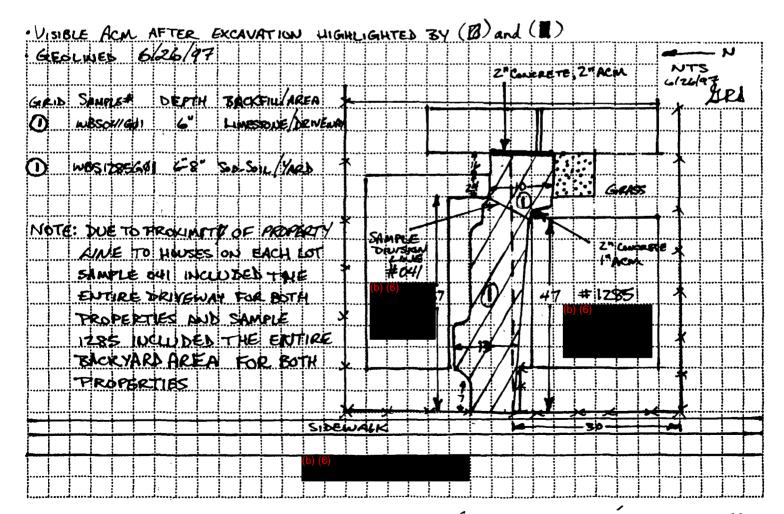
5 6 7 8

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:

1

/ - -



AUTHORIZED EPA/START REPRESENTATIVE James Koeolf

09-0041-560

stroom, NJ Precetavey, NJ Carle Place, NY Manhatten, NY Swattis WA Ann Arbor, MI. San Meteo CA. Smyrne, GA. Greensboro, NC. Houston TX. 609-858-4800 906-981-0550 516-897-7281 212-290-0062 203-223-9007 313-668-6810 416-570-5401 404-335-6086 910-297-1487 713-686-3836

Attn.: Barbara Storey

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

7136863645

Tuesday, July 01, 1997

Ref Number: TX972639



#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-95/116 Method\*

Project: WESTBANK ASSESTOS / 020501RAGI

SAMPLE	LOCATION	APPEARANCE	Sample Treatment	ARRESTOS % TYPE	*	NONASRESTOS FIBROUS %	NONFIBROUS
W88233G01	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	< 1% Chrysatile		100%	Other
WBS617Q01		Brown Fibrous Homogeneous	Teasad .	5% Chrysotile < 1% Crocidolite		95%	Other
WB\$321G03		Brown Fibrous Homogeneous	Teased	2% Chrysotlie < 1% Crookfolite		98%	Other
:WB\$227G01		Brown Fibrous Homogensous	:Teased	3% Chrysotile	!	97%	Other
:WB\$041G01		:Brown Fibrous Hornogeneous	:Teased : :	4% Chrysotlis	:	96%	Other
WB61285G01		Brown Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crockfoliks	;	100%	Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

\* NY samples also analyzed by ELAP 198-1 Method

Arthur Hernandez, Analyst

000325

Approved Signatory



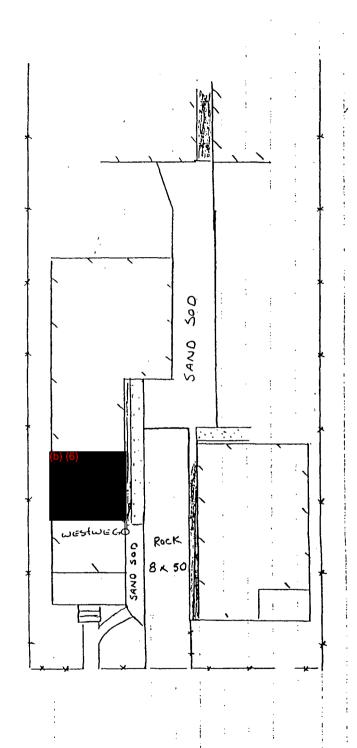
ige of semples which contain sebestoe. This negative PLM results cannot Disclaimers. PLM has been known to miss asbestos or a small percentage of samples which contain sebestos. This negative is guaranteed. Floor lifes and wipes should be tested with either SEM or TEM. The above test report relates only to the items: may only be reproduced in full with written approval by EMSL. The above teel near to be used by the oftens to clean product NVA.P not any agency of the United States Government All TNVA.P reports with NVI.AP togo shall content at least one significant in not responsible for the sociation of results when requisited to physically separate and analyze layered samples Analysis performed by EMSL of Housimi (NVI.AP Air and Bulk #102108). 09-0041-570



NOLA

Ву_РМ	Date 6-27-97	_Subject_	RESTORATION	SIFE	041/1285	Sheet No	of
Chkd. By	_Date					Proj. No	

15SUED 7-8-97



09-0041-590

### WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/17/98  SITE #: 4/		ADDRESS: WESTWEW
ACM LOCATED BENEATH:	HOUSE	
APPR. CRAWL SPACE HEIGHT:		=
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		=
SKETCH OR COMMENTS:		
W ACM		

TEAM MEMBERS:

WB

000327 09-0041-540

#### FIELD DATA SHEET 1

site information:	· · · · · · · · · · · · · · · · · · ·
Occupant: (b) (6)	Interviewee:
Address: (b) (6)	Westwego, La. 70094
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different T	han Occupant:
Site Description:	
1) Description of property (circle): single home; vacant house; vacant lot; other	duplex; business; school; daycare; church;
2) Problems accessing yards (circle): locked gate; resolution:	gate; dogs; other
3) Underground utilities installed by owner? (circle): septic tank; other	no; water; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; If yes, note on site sketch. How deep?	no; don't know
Side Walk  (b) (6)  Side Walk  (b) (6)	84'
Estimated Volume of ACM:	-
Comments: neighbor wie for agreement to our Rackell; Com	was papement a access ner/occupana to saign ( Received to saign)
Date/Time of Interview: 9/2n/a, 090	Access Granted (circle): yes; no
Team Members: Phodes/Mibod	

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

(b) (6)	
Property Owner's Name:	
Property's Address: (6) (6)	WESTWEGO,
State/Zip: Lss. 70094 Phone Number(s): (6) (6)	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

Sept. 27 1996 DATE SIGNATURE \_\_\_

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;

State/Zip: LA 70694 Phone Number(s):

3. The performance of a response action including, but not limited to, the following actions:

Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;

Removal of asbestos-contaminated material from the property;

Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;

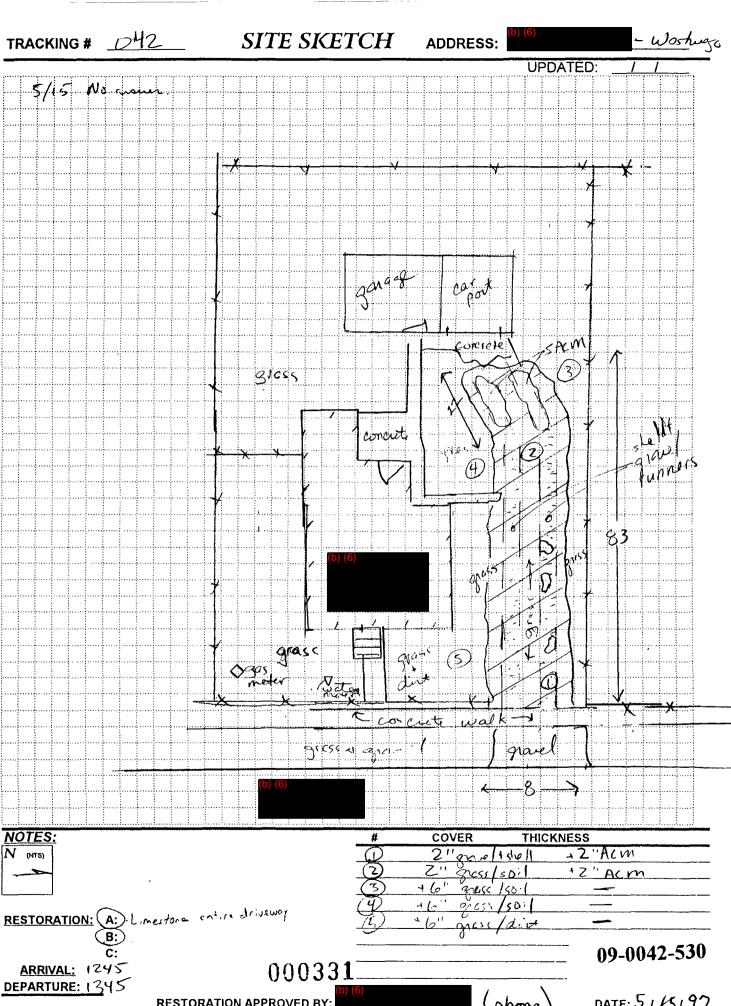
- d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
- The taking of other actions necessary to mitigate releases or threats of releases of e. hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

11-15-96 DATE

09-0042-520



TEAM: CC/PH/KS JM 5/14/97 DATE: 5 1/3 197 70 IT 5/15/97

### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI	:																														·
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Attn.: Barbara Storey

Ecology & Environment, Inc.
11550 Newcastle Ave. #250

Baton Rouge, LA 70816

Thursday, June 12, 1997

Ref Number: TX972310



### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method\*

Project: WESTBANK ASBESTOS PROJECT

			SAMPLE	ASRES	STOS		NONASE	estos	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS489G01	(b) (6)	Tan	Teased	< 1% Chr	raotile	:		100%	Other
		Non-Fibrous Homogeneous	; 		: -:	;			
WBS477G01		Tan Non-Fibrous Homogeneous	Teased	2% Chry < 1% Croc		İ		98%	Other
WB5477G02		.Tan	Teased	2% Chry < 1% Croc				98%	Other :
WBS477G03		Homogeneous  Tan	Teased	2% Chry	rsotile	.; .;		98%	• Other
		Non-Fibrous Homogeneous		< 1% Croc		:			
WB\$870G01		Tan 'Non-Eibrous Homogeneous	Teased	< 1% Chry	· · · · · · · · · · · · · · · · · · ·	:		100%	Other
WBS042G01		Tan Non-Fibrous Homogeneous	Teased	< 1% Chry	/sotlle	!		100%	Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

"NY samples also analyzed by ELAP 198-1 Method

Carlos D. Salinas Analyst

000333

Approved Signatory

Disclaimers, PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negetive PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either 86M or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to cleim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP large must contain at least one signature to be velid. Laboratory is not responsible for the accuracy of results when requested to physically separate and energize layered samples. Analysis performed by EMSL of Houston (NVLAP Air and Bulk #102108).

09-0042-570

- White the state of the state

Westmord, NJ Pucetaway, NJ Carle Place, NY Menhatten, NY Seattle, WA Ann Arbor, MI San Meteo, CA Smyrne, QA Greensboro, NC Houston, TX 609-858-4800 908-981-0580 516-997-7251 212-290-0052 203-233-8007 313-668-6810 415-570-5401 404-333-6088 910-297-1487 713-886-3833

Attn.: Barbara Storey

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Thursday, June 12, 1997

Ref Number: TX972310



### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method\*

Project: WESTBANK ASBESTOS PROJECT

				0.4451.5		ASB	ESTOS		ì		
I	SAMPLÉ	LOCATION	APPEARANCE	SAMPLE TREATMENT		%	TYPE	%	FIBROUS	%	NONFIBROUS
	WBS042G02	(b) (6)	. Ten	 Teased	ì		nryeotile			986	% Other
I			Non-Fibrous	*	÷	< 1% Cr	rocidolite	:			
I			Homogeneous		!			•			

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

\* NY samples also analyzed by ELAP 198-1 Method

Carlos D. Salinas Analyst

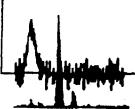
000334

Approved Signatory

Disclaimers: Pt.M has been known to miss asbestos in a small percentage of samples which contain sebestos. This be guaranteed. Floor tiles and wipes should be tested with either 8EM or TEM. The above test report relates of may only be reproduced in full with written approved by EMSt. The above test must not be used by the otient to MYLAP nor any spency of the United States Government, All TWYLAP reports with NYLAP logs must contain a Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze less Analysis performed by EMSt, of Houston (NYLAP Air and Busk at 102108).

09-0042-570

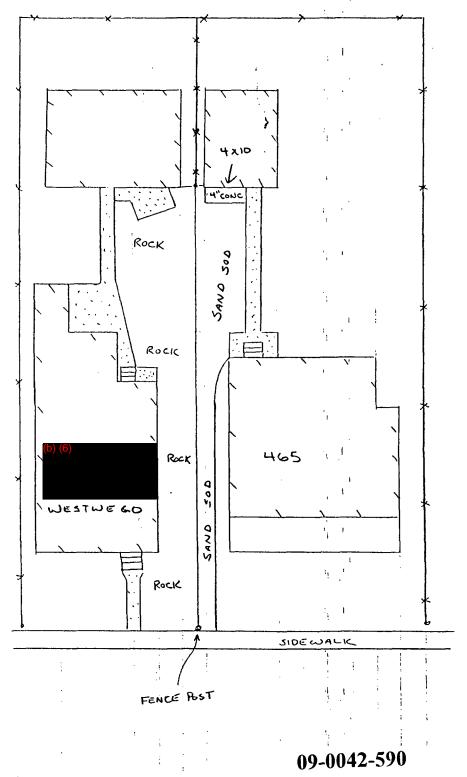
2





 By \_\_PM\_\_\_ Date \_\_\_\_\_\_\_\_ Subject \_\_Restoration\_S.s.te=# 042/670\_\_\_ Sheet No.\_\_\_\_ of \_\_\_\_\_\_

 Chkd. By \_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_ Proj. No. \_\_\_\_\_\_\_\_



000335

# WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE# 042/670

	1 i	DATE	n Amm I	DATE I	DATE			
	i i	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT.
						QIII.	Q11.	COMIT.
Rock Installation (sq.yds	<b>3.)</b>					112.00		
od Installation (sq.yds.	)					79,50		
" Concrete Installation	(sq. yds.)							
" Concrete Installation	(sq. yds.)					4.50		
Sand Installation (sq.yds	s.)							
ower Lift Sand								
Rock, Brown (cu.yds.)								
	,				,	30,5		
Sand (cu.yds.)					!	30,00		
Concrete (cu.yds.)						_O. <sup>50</sup>		
Plastic Edging (ft.)								
ikway Rock Inst. (sq.								
soil (cu.yds.)								
A	•							
,	j I	Site Ske	tch on B	ack of P	age			
NTS:	: ;							
		·				······································		
	I .							
·								

**NTATIVE SIGNATURE** 

TURE

URE

000336

09-0042-590

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 917/98 SITE #: 42		ADDRESS WINTER
ACM LOCATED BENEATH:	HOUSE SHED	
APPR. CRAWL SPACE HEIGHT:		· =
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		=
SKETCH OR COMMENTS:		
NO ACM		

TEAM MEMBERS:

KITS

09-0042-540

Tracking Number	043

### FIELD DATA SHEET 1

Site Information:
Occupant: Interviewee:
Address: (b) (6) Westweap , (A)
Phone No.: (b) (6)
Owner Name. Address, and Phone No. if Different Than Occupant:  (b) (6)  Same
Site Description:
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know  If yes, note on site sketch. How deep?
Site Sketch:  NORTH  NORTH  SHED  SH
Estimated Volume of ACM:
Comments: 11/22/96 - nobody home (1030) TChT lemestone w/ edging 12/3 NEFT NOTICE TO CANA
Date/Time of Interview: 12/5/96 0735 Access Granted (circle), yes; no
Team Members: SN
09-0043-510 tuestrate

043

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:			
Property's Address:	6)	WE	STWEGO
State/Zip: L-A	Phone Number(s):		,

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

11-12-96 DATE SI<del>Ó</del>NATURE

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:			
Property's Address: (6) (6)	<u></u>	Westwego	
State/Zip: <u>LA</u> 70094	Phone Number(s):	<i>J</i>	

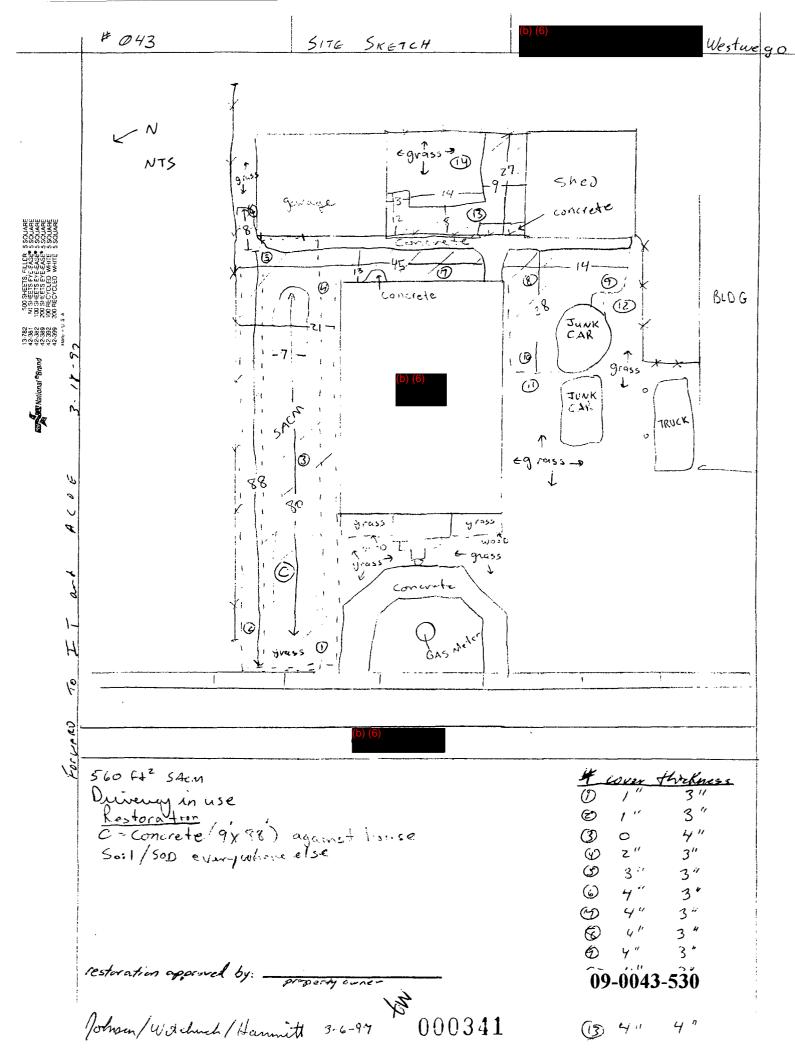
I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

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This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

11-19-96 DATE (b) (6)
SIGNATURE



### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:		; ; .	
SITE# _ <b>Ø43</b>	ADDRESS:	(b) (6)	<del></del>
		Westwego	
THE SAMPLE ANALYSIS RESULTS FOR WERE EVALUATED BY THE USEPA STEAD ON AN EVALUATION OF THE ACTION.	TART TEAM ON <u>NO</u> RECI	ANALYTICAL RESULTS ENED AS OF 02-26-97	(BK)
ACTION:  GRID #:	1 2 3 4	5 6 8	
A. PROCEED WITH RESTORATION:	$\checkmark\checkmark$ $\checkmark\checkmark$	/_/	
B. FURTHER ACTION NECESSARY:		+ \	
Crisible ACM Unionlighted below openimed 03-18-97 and 03-25  Crid Sample ID Depth Backfill/area  (D WISSONSGNI (a" concrete/drive concrete/drive concrete/elm  (B) WBSONSGNI (a" concrete/elm  (B) WBSONSGNI (2" sod, soil/voil  (C) WBSONSGNI (2" sod, soil/voil  (D) WBSONSGNI (2" soll, soil/voil  (D) WBSONSGNI (2" soll, soil/voil  (D) WBSONSGNI (2" soll, soil/voil  (D) WBSONSGNI (2" soll, soil/voil  (D) WBSONSGNI (2" soll, soil/voil  (D) WBSONSGNI (2" soll, soil/voil  (D) WBSONSGNI (2" soll, soil/voil  (D) WBSONSGNI (2" soll, soil/voil  (D) WBSONSGNI (2" soll, soil/voil  (D) WBSONSGNI (2" soll, soil/voil  (D) WBSONSGNI (2" soll, soil/voil  (D) WBSONSGNI (2" soll, soil/voil  (D) WBSONSGNI (2" soll, soil/voil  (D) WBSONSGNI (2" soll, soil/voil  (D) WBSONSGNI (2" soll, soil/voil  (D) WBSONSGNI (2" soll, soil/voil  (D)	Charage Charag	5 SHEP XX 043 09-004	NTS 03-25- QU/8-25 QU/8-25 3-560
AUTHORIZED EPA/START REPRESEN	000342 () TATIVE ()0	rbara a. Storey	<u>'</u>

03/20/1997 16:56 7136863645

EMSL TEXAS

PAGE

02

Rounes, TI Greensbord, NC 713-690-9635 810-297 1487 313 496 6910 404 333 4066

> Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Thursday, March 20, 1997

Ref Number: TX97895



#### POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBE %	STOS TYPE	%	<u>NONASE</u> FIBROUS		NONFIBROUS
WB\$043G01	(b) (6)	Tan Non-Fibrous Homogeneous	Teased	. < 1% Chr	ysotile .			100%	6 Other
WB\$043G02		Tan Non-Fibrous Homogeneous	Teased	< 1% Chi	rysotl <del>le</del>	,		1009	% Other
¹WB\$043G03		Tan Non-Fibrous Homogeneous	Teased	< 1% Ch		:		1009	% Other
WBS043G04		Tan Non-Fibrous Homogeneous	Teased	< 1% Ch		:		100	% Other
WBS494G01		Tan Non-Fibrous Hornogeneous	Teased	< 1% Ch	rysotlle			100	% Other
WBS494G02		Tan Non-Fibrous Homogeneous	Teased :	: < 1% Ch	irysotile			100	% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas

**Analyst** 

000343

09-0043-570

Begres W ABB Arber, MI San Mates, CA Carle Plats, NY 119-207-1467 A04.333.6566 416-670-5401 313-000-4210 212-230-0058 518-887-7**25**3

7136863645

713 486 3638

**Ecology & Environment, Inc.** 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Thursday, March 27, 1997

Ref Number: TX97998

### POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	ASBEST	2.5		NONASBES		
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	*	NONFIBROUS
WB\$043G05	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	< 1% Chryso	tile			100%	Other
WBS043G06		Brown Non-Fibrous Homogeneous	Teased	< 1% Chryso	one D	<u>'</u> .	1	100%	Olher
WBS043G07 Jup of WBS0436		Brown Non-Fibrous Homogeneous	Teased	< 1% Chryso	otile			100%	Other
WBS175G67		Brown Non-Fibrous Hamogeneous	Teased	4% Chryso	otile :			96%	Other
WB\$058G01		Brown Non-Fibrous	Teased	< 1% Chryso	otile			100%	Other
		Homogeneous		!				1	
WB\$058G02		Brown Non-Fibrous	Teased	< 1% Chryso	otile			100%	6 Other
	:	Homogeneous						Ì	

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for tayered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr. **Analyst** 

09-0043-570

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbesto. guaranteed. Floor bles and wipes should be lested with either SEM or TEM. The above test report relates on only be reproduced in full with written approval by EMSL. The above test must not be used by the client to dis nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least is not responsible for the accuracy of results when requested to physically separate and analyze layered samples

Approved

Signatory

Greensbara, NC San Muteo, CA SHITTER GA Ann Arbor, MD Markster, NT Seattle. WA Carle Place, NY 713 486-3639 404 333 4006 \$10-297-1457 416-670-4401 113.46E.6810 203-238-4007 510-867-7281 212-290-9052 105-853-4909



Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Thursday, March 20, 1997

Ref Number: TX97896

# PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

Project: 020601 WESTBANK ASBESTOS

Sampir	Location	Sample Date	Volume (Ilters)	Flbers	Fields	L.O.D. flb/cc	fibers/ mm'	fibers/cc
WBA043LF	(b) (6)	3/18/97	712.88	1.0	100	0 0038	1 27	<10D

Carlos D. Salinas Analyst

Approved Signatory

09-0043-570

LOD = Limit of Detection. The method assumes the lowest detection concentration is 10 fibers/100 fields end the LOD are non-iguarithable and therefore are non-reliable. The laboratory is only responsible for fibers couldn't a dependent on volume collected by non-laboratory personnel.

Analysis performed by EMSL of Houston.



1
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	m		Subject Restoration site # 043	_ Sheet No	
h <b>kd</b> .	Ву	Date		Proj. No	
	. * .				
			SAND 50D SOD		
			000 000 000 000 000 000 000 000 000 00		
			SAND GAS		
			SIDE WALK		
	ŧ.				
	,				
				09-0043-59	0

# WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

**SUB 2 SIGNATURE** 

#### **RESTORATION FORM**

SITE# <u>043</u>

	DATE	DATE	DATE	DATE	FOT	AOTHAL	407
					EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)					235. <sup>™</sup>		
6" Concrete Installation (sq. yds.)					88.≌		
4" Concrete Installation (sq. yds.)					<u> </u>		
Sand Installation (sq.yds.)					235. <sup>50</sup>		
Lower Lift Sand					88.°°		
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					68.50	·	
Concrete (cu.yds.)					14. <sup>50</sup>		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							ļ
EXTRA						·	<u> </u>
	Site Ske	tch on B	ack of P	age			
COMMENTS:					·		· · · · · · · · · · · · · · · · · · ·
					· · · · · · · · · · · · · · · · · · ·		
					·		<u>_</u>
IT REPRESENTATIVE SIGNATUR	RE	<u></u>			· · · · · · · · · · · · · · · · · · ·	09-0043-	590
SUB 1 SIGNATURE						· · ·	

### WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/17/98 SITE #: 43	ADDRESS:
ACM LOCATED BENEATH:	HOUSE
APPR. CRAWL SPACE HEIGHT:	1 ft
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM)	10-30 2
SKETCH OR COMMENTS:	
(b) (6)	
CELESTINE	

TEAM MEMBERS:

NIB

Tracking Number	. 044

### FIELD DATA SHEET 1

Occupant:  Address:    Disturge   Address   Ad
Address: Wistwege , LA  Phone No.:
Phone No.:
Owner Name Address and Phone No. if Different Than Occupant:
(6)/(6)
OWNER (6) (6)
Site Description:
1) Description of property (circle): single home; duplex business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other NonE
3) Underground utilities installed by owner? (circle): (no;) water; gas; electric; cable TV; septic tank; other
4) Is any underground ACM present? (circle): yes; no; don't know  If yes, note on site sketch. How deep?
Site Sketch:  NORTH  NORTH  SIDEWALLS  D) (6)  Estimated Volume of ACM:  Comments: backfill: limitare w/sdaying
Date/Time of Interview: [1/8/9] Access Granted (circle): (ves;) no
Team Members: CWW / SN

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:
Property's Address:

State/Zip: 7.009H. Phone Number(s):

[b) (6)

WESTWESO

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

//\_ //**3** - 96
DATE

(b) (6) SIGNATURE/

DEPARTURE: 1210

Met with M.

DEPARTURE: 1210

RESTORATION APPROVED BY: CLIMESTONE. See Other DATE:

TEAM: 10/11/45

TM 5/14/99

DATE: 5/13/97

ARUCH FOR NIGHTERS (infile)

### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

YI:																						
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Westmont, NJ Piscetaway, NJ Carle Place, NY Menhatten, NY Seettle, WA Ann Arbor, MI Sen Mateo, CA Brigma, GA Greenaboro, NC Houston, 1: 609-858-4800 908-981-0550 516-997-7251 212-290-0052 203-230-9007 313-668-6810 415-570-5401 404-333-8066 910-297-1487 713-888-380

Attn.: Barbara Storey

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Thursday, June 12, 1997

Ref Number: TX972332



#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method\*

Project: WESTBANK ASBESTOS / 020601RAG1

4			SAMPLE	ASBESTOS		NONASE	ESTOS
<b>S</b> MPLE	LOCATION	APPEARANCE	TREATMENT	% TYPE	%	FIBROUS	% NONFIBROUS
WBS 084G02	(b) (6)	Ten Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crooklolits			100% Other
-			•	i	:		•
WB\$1102d01		Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile	:		100% Other
WBS1102G02		Tan Non-Fibrous Homogeneous	Teased	None Detacted			100% Other
WBS044G01		Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysottle			100% Other
WBS053G01		Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile		:	100% Other
WBS053G02		Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crockfolite			100% Other

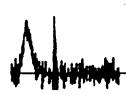
Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

\* NY samples also analyzed by ELAP 198-1 Method

Carlos D. Salinas Analyst

000354

Approved Signatory

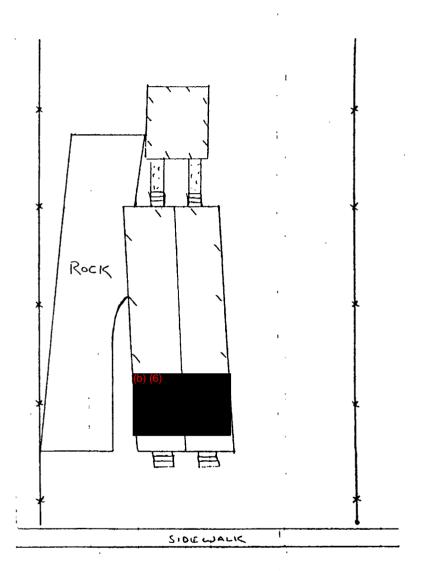


Discinsive with new teach recent in make accessors in a strain percentage of samples which contain above too. Into a be guaranteed. Floor titles and wipes should be lested with either SEM or TEM. The above test must not be used by the crient to ctain NVLAP nor any egency of the United States Government, All "NVLAP" reports with NVLAP logo must contain at less Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze inversed Analysis performed by EMSL of Houston (NVLAP Av and Bulk #102108).

09-0044-570



By PM Date 6/1-97 Subject Restoration Site O44 Sheet No. of \_\_\_\_\_\_ Proj. No. \_\_\_\_\_\_



# WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

REST	ORAT	TON	<b>FORM</b>
------	------	-----	-------------

SITE #	044

·	DATE	DATE	DATE	DATE	ECT	ACTUAL	۷.
1				<del> </del>	EST. QTY.	ACTUAL QTY.	AC CON
Rock Installation (sq.yds.)					100,50		
God Installation (sq.yds.')						·	
" Concrete Installation (sq. yds.)							
" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)							
ower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					32.00		
Sand (cu.yds.)				!			
Concrete (cu.yds.)							
Plastic Edging (ft.)							
∮ Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							<u> </u>
1	Site Ske	tch on B	ack of P	age			
COMMENTS:		•					
ı							
IT REPRESENTATIVE SIGNATU	JRE					09-0044-	590
SUB 1 SIGNATURE							

000356

SUB 2 SIGNATURE

### WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/11/98 SITE #: 44		ADDRESS:
ACM LOCATED BENEATH:	HOUSE SHED	
APPR. CRAWL SPACE HEIGHT:		=
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		=
SKETCH OR COMMENTS:		
, and		
Motion		

TEAM MEMBERS:



09-0044-540

Tracking Number _	045
-------------------	-----

### FIELD DATA SHEET 1

Site Information:	
* ^	rviewee:
Address: (b) (6) We stive	90
Phone No.: ? NEIGHBOR (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant:	
Site Description:	
Description of property (circle): single home; duplex; business vacant house; vacant lot; other	ss; school; daycare; church;
2) Problems accessing yards (circle): locked gate; gate; dogs: resolution:	other Rotwester
3) Underground utilities installed by owner? (circle): no; water; septic tank; other	gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; no don't know If yes, note on site sketch. How deep?	)
Site Sketch:  ACM  (b) (6) House	N ASM
Estimated Volume of ACM:	
Comments: Coordinate W/owner.	
Date/Time of Interview: Acce	ss Granted (circle): (yes) no
Team Members: TC/ML	00.0045.540

TRACKING# 045

## CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:			
Property's Address:	<del>(6)</del>	Westwear.	
State/Zip: <u>IA. 70094</u>	Phone Number(s):		_

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

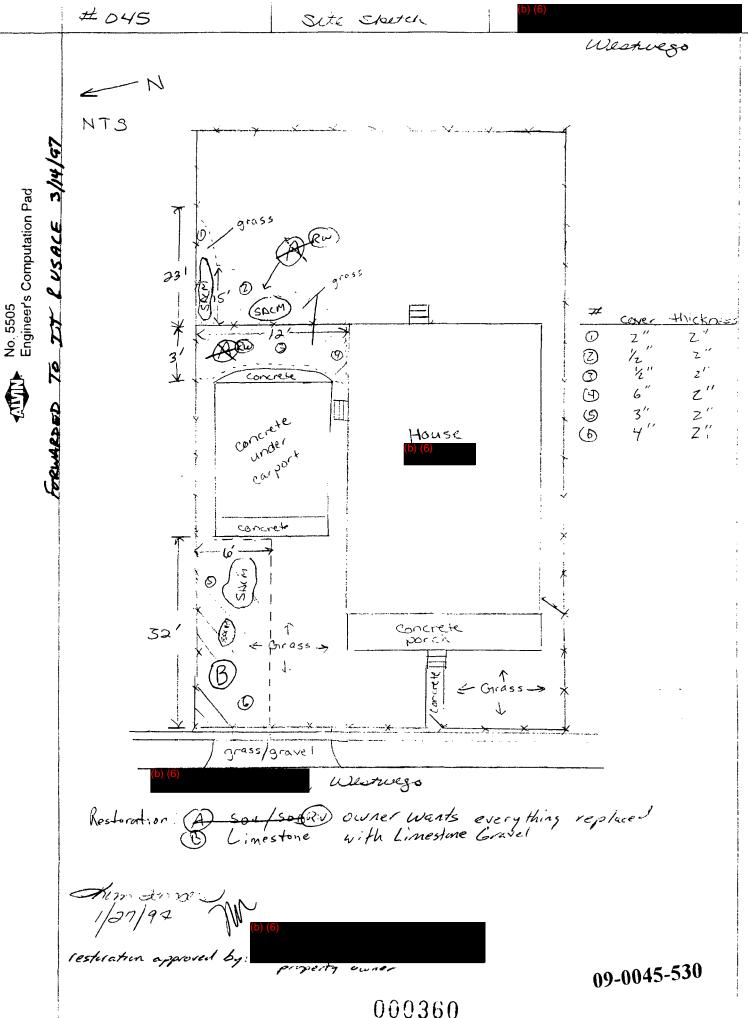
I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-12-96 DATE

81

SIGNATURE



## WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

'YI:		· :	
3ITE#	045	ADDRESS: (b) (6)	,
,		Westwego, LA	

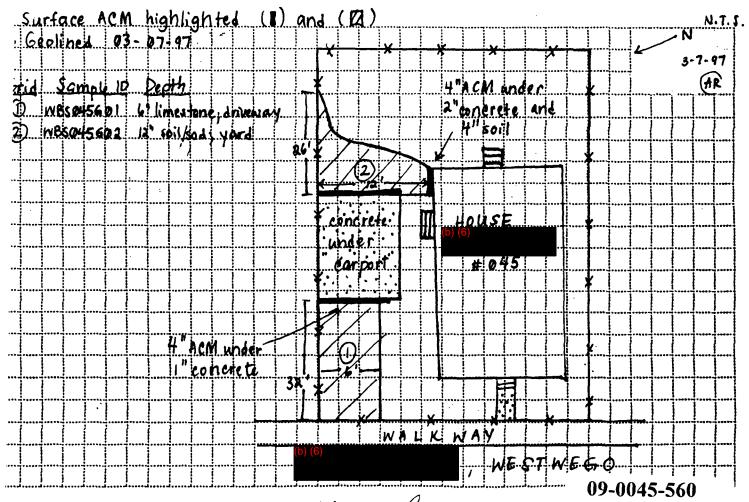
HE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND 'ERE EVALUATED BY THE USEPA START TEAM ON 3-8-9.

ASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING CTION:

GRID#: 1 2 5 6 7 8

.. PROCEED WITH RESTORATION: \_\_\_\_\_\_\_

FURTHER ACTION NECESSARY:



000361

AUTHORIZED EPA/START REPPRESENTATIVE

Lauren Port

Mankattan, NT San Mates, CA Swyrma CA 719-404-3635 910-287-1487 418-570-5401 404.222.4000

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Monday, March 10, 1997

Ref Number: TX97725

## POLARIZED LIGHT MICROSCOPY (PLM)

#### Project: 020601 WESTBANK ASBESTOS

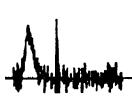
		ASBE	STOS		NONASBE				
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS123G01	(b) (6)	Brown Non-Fibrous Homogeneous	:Teased	2% Chr	ysotile .	:		98%	Other
WBS123G02		Brown Non-Fibrous Homogeneous	Teased	2% Chr	ysoti <del>le</del>	:		98%	Other
WBS045G01		Brown Non-Fibrous Homogeneous	Teased	4% Chŋ	ysotil <del>e</del>	:		96%	Other
WBS045G02		Brown Non-Fibrous Homogen <del>e</del> ous	Teased	8% Chr < 1% Cros		· · · · · · · · · · · · · · · · · · ·		92%	Other
·WBS046G01		Brown Non-Fibrous Homogeneous	Teased	2% Chn	ysotile .			98%	Other
WBS046G02		Brown Non-Fibrous Homogeneous	Teesed T	< 1% Chr	ysotile	:		100%	Other ·

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas **Analyst** 

000362

**Approved** Signatory



Manhattan, NY Souttle, WA ADB AFORT, NE Ann Mates CA Smyrau, GA Carto Place, MY 713-696-3615 313-668-6310 404-353-40ME 919-287-1467 GB 455 4000 818-997-7251 Z12-280-006Z 293-233-9007 501-981-950

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Monday, March 10, 1997

Ref Number: TX97726

## PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

**Project: 020601 WESTBANK ASBESTOS** 

Sample	Location	Sample Date	Volume (liters)	Flbers	Fields	L.O.D. fib/cr	fibers/ mm²	fibers/cc
WBSA45P3A	(b) (6)	3/6/97	3020.00	5.5	100	0.0009	7.01	0.0009
	****	;	• • • • • • • • • • • • • • • • • • • •					
WBSA45P11A		3/6/97	4724.00	7,0	100	0.0006	8.92	0.0007
	:	!	!	: :				
WBSA45P4A		3/6/97	4715.00	1.0	100	0.0006	1.27	<lod< td=""></lod<>

**Analyst** 

000363

Approved Signatory

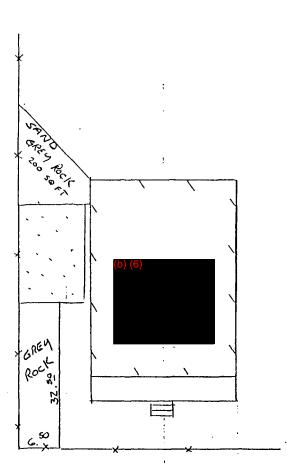
LOD = Limit of Detection. The method sessions the lowest detection concentration is 10 fibers/100 fields and is the LOD are non-quantifiable and therefore are non-reliable. The taboratory is only responsible for fibers nountewhich is dependent on volume collected by non-laboratory personnel, Analysis performed by EMSL of Houston,

09-0045-570



Ву_РМ	Date <u>3-7-97</u>	. Subject	RESTORATION SITE #	<i>t</i> 045	Sheet	No	of
Chkd. By .	Date				Proi	No	

REVISED 3-15-97



09-0045-590

## WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

#### **RESTORATION FORM**

SITE# 045

		DATE	DATE	DATE	F0.T		
	RATE				EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)	\$6.84/sy				45.50		
Sod Installation (sq.yds.)	\$5.15/sy						
6" Concrete Installation (sq. yds.)	\$30.10/sy						
4" Concrete Installation (sq. yds.)	\$26.40/sy						
Sand Installation (sq.yds.)	\$4.15/sy				22.60		
Lower Lift #1	\$1.16/sy				_		
Lower Lift # 2	\$1.16/sy						
Lower Lift #3	\$1.16/sy						
Rock, Brown (cu.yds.)	\$20.50/cy						
Rock, Gray (cu.yds.)	\$29.00/cy				10.50		
Sand (cu.yds.)	\$12.70/cy				5.9		
Concrete (cu.yds.)	N/A					<u> </u>	
Plastic Edging (ft.)	\$1.65/ft						
Walkway Rock Inst. (sq.yds.)	\$9.12/sy						-
Topsoil (cu.yds.)	\$21.00/cy					<u></u>	
	Site Ske	tch on B	ack of P	'age		•	
COMMENTS:							
						00 00 1=	
•						09-0045-	590

IT REPRESENTATIVE SIGNATURE
NOLA REPRESENTATIVE SIGNATURE

in 000365

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/17/98 SITE #: 45		ADDRESS:
ACM LOCATED BENEATH:	HOUSE SHED	
APPR. CRAWL SPACE HEIGHT:		=
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		=
SKETCH OR COMMENTS:		
W KW		
TEAM ME	MBERS: VIITS	

09-0045-540

Tracking Number	046

### FIELD DATA SHEET 1

Site Information:	
Occupant: (b) (6)	Interviewee: Mar K
Address: (b) (6) Westu	2490
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occu	pant:
pane	
Site Description:	
Description of property (circle) single home, duplex;     vacant house; vacant lot; other	business; school; daycare; church;
2) Problems accessing yards (circle): locked gate; gate; resolution:	dogs; other
3) Underground utilities installed by owner? (circle): no; septic tank; other Note location on site sketch.	water; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; no; do If yes, note on site sketch. How deep?	on't know
Site Sketch:	House Acm
Estimated Volume of ACM:	
Comments: Coordinate W/owner	
Date/Time of Interview:	Access Granted (circle): (Fest) no
Team Members: TC/ML	
	09-0046-510

think the same

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

PROP.
ADDRESS

Property Owner's Name:

Property's Address:

wrongaddiess

State/Zip: 70094

Phone Number(s):\_

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

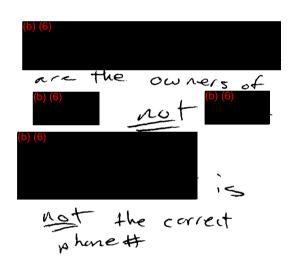
I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

DATE

SIGNATURE

09-0046-520



# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:	
Property's Address: (6) (6)	Westwego
State/Zip: 14 70094 Phone Number(s)	/ :

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

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Mos 1994

SIGNATURE //

09-0046-520

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:	
Property's Address:	Westwego
State/Zip: LA 70094 Phone Number(s):	<del></del>

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

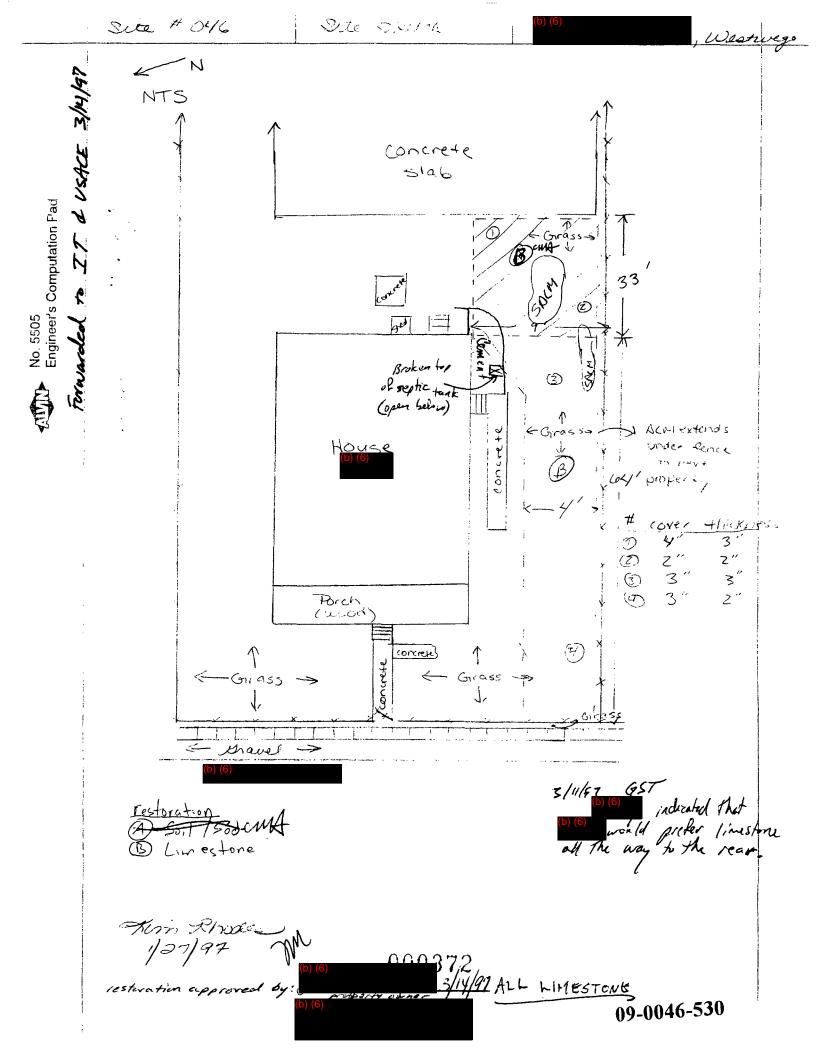
- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

MN 14, 1994 DATE SIGNATURE

09-0046-520



## WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

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FY	I:																														
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Laurence Pord (

09-0046-560

AUTHORIZED EPA/START REPRESENTATIVE

Marian CA Service DA Resembare Et Service DA Resembare Et Service DA

Wantament, RJ Pincelsway, NJ Carle Place, NY Mushattan, NY Seattle, WA Ass Arbor, NI San Maine, CA Seyras, GA Grossbere, RC Noutck, YX CON-558-4800 Bot. DRI-CHAM 519-607-7551 212-288-4862 202-223-8087 318-468-4616 418-576-5401 404-323-4868 910-227-1427 719-468-5236

EMSL

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge. LA 70816 Monday, March 10, 1997

Ref Number: TX97725

### POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

1			ASBĘ.	STOS	ESTOS				
SAMPLE	LOCATION	<b>APPEARANCE</b>	SAMPLE TREATMENT	%	TYPE	%	<b>FIBROUS</b>	%	NONFIBROUS
WBS123G01	(b) (6)	Brown	: Teased	2% Chŋ	ysotile .	!		98%	Other
		Non-Fibrous Homogeneous							
WBS123G02		; Brown	Teased	2% Chŋ	ysoti <b>le</b>			98%	Other
		Non-Fibrous Homogeneous	: : :		,	:			
WBS045G01		Brown Non-Fibrous Homogeneous	Teased	4% Chry	/sotile	:		96%	Other
WBS045G02		Brown Non-Fibrous Homogeneous	Teased	8% Chry < 1% Croc				92%	Other
-WBS046G01		Brown Non-Fibrous Homogeneaus	Teased	2% Chry	rsatile			98%	Other
WBS046G02		Brown Non-Fibrous Homogeneous	Teased	< 1% Chry	ysoti <b>le</b>	i . :		100%	Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas Analyst

000373

Approved Signatory

Disclaimers' PLM has been known to miss extents in a small percentage of samples which contain extents. Thus guaranteed. Floor titles and wipes should be tested with either SEM or TEM. The above test report relates only to the only be reproduced in full with written approved by EMSL. The above test must not be used by the client to claim pronor any agency of the United States Government, All "NVLAP" reports with NVLAP logo must contein at least one as is not responsible for the securecy of results when requested to physically separate and analyzatiogered samples.

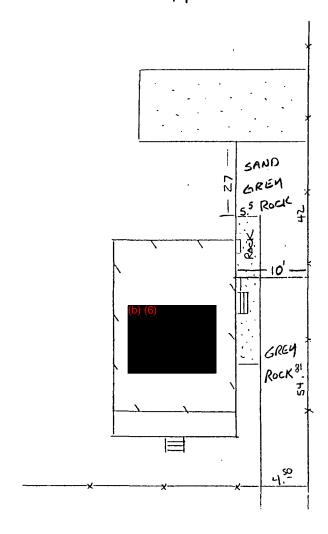
09-0046-570



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ВуЕ	OM	Date_	3-7-97	Subject.	RESTORPTION	site #	046	Sheet No	of
Chkd.	Ву	Date_						Proi. No.	

REVISED 3-15-97



09-0046-590

# WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

NOLA REPRESENTATIVE SIGNATURE

REST	CORATION	<b>FORM</b>
------	----------	-------------

SITE# 046

•		DATE	DATE	DATE			
	RATE -				EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)	\$6.84/sy				73.50		
Sod Installation (sq.yds.)	\$5.15/sy						
6" Concrete Installation (sq. yds.)	\$30.10/sy						
4" Concrete Installation (sq. yds.)	\$26.40/sy						
Sand Installation (sq.yds.)	\$4.15/sy				37.50		
Lower Lift #1	\$1.16/sy						
Lower Lift # 2	\$1.16/sy				· · · · · · · · · · · · · · · · · ·		
Lower Lift #3	\$1.16/sy						
Rock, Brown (cu.yds.)	\$20.50/cy						
Rock, Gray (cu.yds.)	\$29.00/cy				17.00		
Sand (cu.yds.)	\$12.70/cy				8.00		
Concrete (cu.yds.)	N/A						
Pla⁄stic Edging (ft.)	\$1.65/ft						
Walkway Rock Inst. (sq.yds.)	\$9.12/sy						
Topsoil (cu.yds.)	\$21.00/cy						<u> </u>
	Site Sket	ch on B	ack of P	age			
COMMENTS:	·····						
		· · · · · · · · · · · · · · · · · · ·		<del></del>			
	· · · · · · · · · · · · · · · · · · ·		<del></del>				<del></del>
IT REPRESENTATIVE SIGNATI	JRE					09-0046-5	90

# WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/22/98 SITE #: 046		ADDRESS:	(b) (6) Wertwegi
ACM LOCATED BENEATH:	HOUSE SHED		
APPR. CRAWL SPACE HEIGHT:			
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)			
SKETCH OR COMMENTS:			
			Soil
			II .
iλ Λ			
M			
se M			
Re M			
m O Ae M			
WO Rem			
NO Rem			
NO Rem			
NO REM			
The Mo			
He M	MRERS: RL		

UY-UU40-54U

Tracking Number <u>047</u>

### FIELD DATA SHEET 1

**Site Information:** 

	nterviewee:				
Address: (b) (6)	ego, LA				
Phone No.:	0 /				
(b) (6) Name Address and Phone No. if Different Than Occupant: (b) (6)					
Site Description:					
Description of property (circle): single home; duplex; busing vacant house; vacant lot; other	ness; school; daycare; church;				
2) Problems accessing yards (circle): locked gate; gate; dogs; other Backyard resolution:					
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other  Note location on site sketch. OD. Line not in use; maybe gas					
4) Is any underground ACM present? (circle): yes; no; don't know if yes, note on site sketch. How deep?	ow , , ,				
Site Sketch:  HOUSE  AM  SHE  Z'X8'  ACM  SIDE WIACT  ACM	NORTH  NORTH  8'X8'				
Estimated Volume of ACM:					
Comments: Limestone grave					
Date/Time of Interview: 3!40 10/29/96 Ac	ccess Granted (circle); yes; no				
Team Members: KJ/KR					
1	00 00 45 51				



# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

(b) (b)	
Property Owner's Name:	
Property's Address:	WESTWEGO
State/Zip: A 70094 Phone Number(s): (b) (6)	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

10-29-96 DATE (b) (6)
SIGNATURE

NOTES: Bld, will be moved of to back prof # .5" gress 'soil +6" gress /50:1 +6" gress /50: +6" gress /50: don't removed to true @ RESTORATION: A: replace put who revelope

B: Front di lue 16x40 09-0047-530 000379 C: rear ped 20 v 20

ARRIVAL: 10 06 Soil sod remainder

DEPARTURE: 11:35

RESTORATION APPROVED BY: TEAM: 64 32 KS JP4 5/14/97 DATE: 6 1

TO IT 5/15

DATE: 5 1 13197

## WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:	, 
SITE# <u>047</u>	ADDRESS:
i e	Westwego
THE SAMPLE ANALYSIS RESULTS FOR THE WERE EVALUATED BY THE USEPA START	E ABOVE REFERENCED SITE WERE RECEIVED AND TEAM ON
·	LYTICAL DATA, WE RECOMMEND THE FOLLOWING
GRID #: 1	2 3 4 5 6 7 8
A. PROCEED WITH RESTORATION: $\sqrt{}$	✓ ✓✓
B. FURTHER ACTION NECESSARY:	
visible ACM highlighted below: (18	A) + (VZ)  NII.5  NII.5  NII.5
acid Sample ID Depth Backfill /Area	18/ 06-03-97
D wibsoution 16" concrete/pard & D wibsoution 12" line stone/senithede	
3 WBS0476003 6 concrete Identification	
(9) wesperford 12" soci-toil/yard	
	(b) (c)
	HE STATE OF OR OLD
	property
	I'AEM \
<u> </u>	
	Keller 09-0047-560
000380 AUTHORIZED EPA/START REPRESĒNTATI	Keller 909-0047-560

GOOD BELIEVED

203-238-9007

Manhattan, NY

212-200-0002

Bayros, SA

ADA 333-0006

San Mutes, CA

416-679-8401

Ann Arbor, Wi

313-688-6810

Section TI
719 decision
EMSL

Ecology & Environment, Inc.

Carle Place, NT

818-997-7251

Wednesday, June 04, 1997

Ref Number: TX972097

Brymabers. NC

\$10-207-14E7

11550 Newcastle Ave. #250 Baton Rouge, LA 70816

## POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601RAG1 WESTBANK ASBESTOS

SAMPLE	1.47- LOCATION	_ APPEARANCE	SAMPLE TREATMENT	<u>ASB</u> %	ESTOS TYP <b>E</b>	%	<u>NONASE</u> FIBROUS	ESTOS % NONFIBROUS
:WBS047G01	(0) (6)	Brown Non-Fibrous Homogeneous	Teased	< 1% Cr	nrysotile	;		100% Other
WBS452G01		Brown Non-Fibrous	Teased	< 1% CI	nrysot <del>ile</del>	ļ :		100% Other
:		Homogeneous						

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Sallnas

**Analyst** 

Approved Signatory

Disclaimers: PLM has been known to miss eabestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above feet report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to daim product error eny agency of the United States Government. All "INVLAP" reports with INVLAP topo must contain at least one signatus is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

000381

W. Water

Wortspood, NJ Processings, NJ Carle Place, NY Manhattyn, NY Beattle, Wa Ann Arbor, MI San Maton. CA Smyrna, NA Grünzspoot, NC House N. 72 609-658-6908 NOR 361-6560 516-667-7251 212-298-0852 203-223-8507 213-668-6510 415-570-5401 404-2223-6868 910-297-1467 713-688-3856

> Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Wednesday, June 04, 1997

Ref Number: TX972120

#### POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	asae %	SIOS TYPE	*	<u>NONASB</u> FIBROUS	esios %	NONFIBROUS
WBS047G04	(b) (6)	Brown Non-Fibrous Homogeneous	:Teased	< 1% Chi	rysotile		·	100%	Other
:WB\$047G02		Brown Non-Fibrous Homogeneous	Teased	< 1% Chr		 i		100%	Other
WBS047G03		Brown/White Fibrous Homogeneous	Teased	4% Chr < 1% Cro			,	96%	Other

Comments: For all obviously haterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr.

**Analyst** 

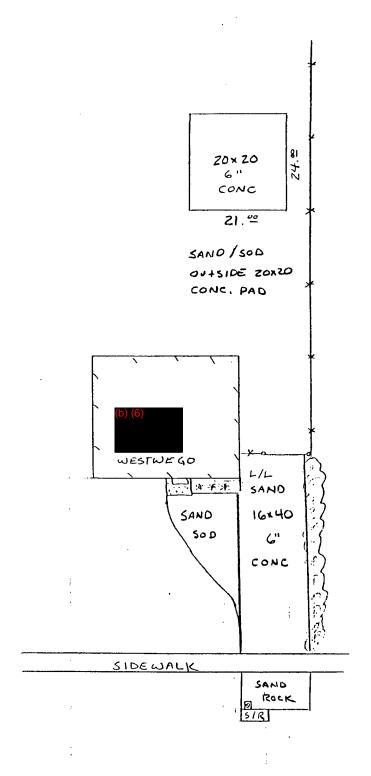
Approved Signatory

Disclaimers: PEM has been known to miss eabestos in a small percentage of samples which contain asbestos guaranteed. Floor files and wipes should be tested with either SEM or TEM. The above test report referes only 1 only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim nor enly agency of the United States Government. All "INVLAP" reports with INVLAP logo must contain at least of is not responsible for the accuracy of results when requested to physically separate and enaltize layered sample.

09-0047-570



By \_ PM \_ Date \_6-3-97 \_ Subject RES for A fron \_ SIFE # 047 \_ Sheet No. \_\_\_ of \_\_\_\_\_\_ Proj. No. \_\_\_\_\_\_



09-0047-590

# WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 1 SIGNATURE

SUB 2 SIGNATURE

### RESTORATION FORM

SITE# <u>047</u>

	DATE	DATE	DATE	DATE			
					EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)				. 1	15. <sup>59</sup>		
Sod Installation (sq.yds.)					73.50		
6" Concrete Installation (sq. yds.)					71.00		
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					89,∞		
Lower Lift Sand							
Rock, Brown (cu.yds.)					· ·		-
Rock, Gray (cu.yds.)					4.00		
Sand (cu.yds.)				!	Z8. <sup>∞</sup>		
Concrete (cu.yds.)					12.00		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)						:	
Topsoil (cu.yds.)							
EXTRA							<u> </u>
	Site Ske	etch on B	ack of P	age			
COMMENTS:				·	·		
				•			<del></del>
IT REPRESENTATIVE SIGNATU	JRE						: :
						09-0047-5	90

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9 17 199 SITE #: 47		ADDRESS: Westwey O
ACM LOCATED BENEATH:	HOUSE SHED	
APPR. CRAWL SPACE HEIGHT:		=
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		=
SKETCH OR COMMENTS:		
Kim		

TEAM MEMBERS:

KJITS

000385

09-0047-540

Tracking Number <u>048</u>

## FIELD DATA SHEET 1

Site Information:
Occupant: (b) (6) Interviewee:
Address: (b) (6)
Phone No.: (b) (6)
(b) (6)  (b) (6)
Site Description:
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other
4) Is any underground ACM present? (circle): yes; no; don't know  If yes, note on site sketch. How deep?
Site Sketch:  X X X X X X X X X X X X X X X X X X
Estimated Volume of ACM:
Comments: (mestone
Date/Time of Interview: 14:0 16/17 Access Granted (circle): (yes; no
Team Members: KJ/TC

TRACKING# 048

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

(D) (b)		
Property Owner's Name:		
Property's Address: (6) (6)	L	
State/Zip: <u>La. 70094</u> Phone Number(s):		

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9/12/96

(b) (6)

SKONATURE

 $0.0\overline{0}388$ ARRIVAL: 0910
DEPARTURE: 1000 **RESTORATION APPROVED BY:** TEAM: CA 24 KS JUS/14/97 DATE: 59 131 7 FOIT 5/15

DATE: 5113197

## WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

		, e <del>s</del>	Westwego, LA	
SITE#	048		ADDRESS: (b) (6)	
FYI:			,	

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON To analytical results

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING

6

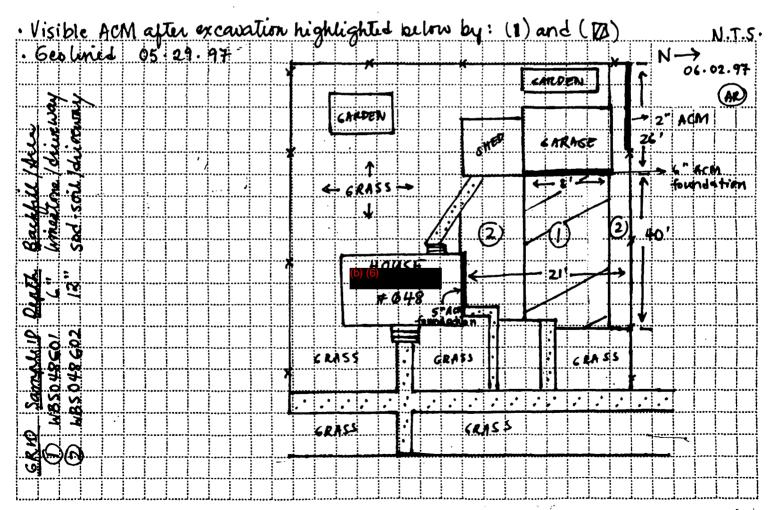
8

ACTION:

GRID#: 1 2

A. PROCEED WITH RESTORATION:  $\sqrt{\ }$ 

B. FURTHER ACTION NECESSARY: \_\_\_\_



AUTHORIZED EPA/START REPRESENTATIVE Ulma fille

09-0048-560

Watering NJ Flore

Placetawer, E3

Carte Floor, ST \$18-807-7251 Mankatthu, F 212-280-0012 Senitie, WA 203-223-9007

Ann Arbor, M. 313-688-6810 San Mason, CA 416-570-5401 Mayron, M

Oceansborn, 19 1936-197-1487 Seasten, TX 7)2-486-3656 EMSL

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Tuesday, June 03, 1997

Ref Number: TX972069

### POLARIZED LIGHT MICROSCOPY (PLM)

**Project: WESTBANK ASBESTOS** 

·			SAMPLE	ASBE	SIOS		NONASE	estos	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS027G05	(b) (6)	Brown Non-Fibrous Homogénéous	Teased	1% Chr	ysotile	j	•	100%	6 Other
WBS120#G01		Brown Non-Fibrous Homogeneous	Teased	< 1% Chr	ysotile		·····	100%	o Other
WBS048G01		Brown Non-Fibrous Homogeneous	Teased	2% Chr < 1% Cro	-	•	·	98%	Other .
WBS048G02		Brown Non-Fibrous Homogeneous	Teased	2% Chr < 1% Cro				98%	6 Other
WBS1084G01		Brown Non-Fibrous Homogeneous	Teased	< 1% Chr	ysotile			100%	6 Other
WBS106#G02		Brown Non-Fibrous Homogéneous	Tessed	< 1% Chi	ysotile	:		100%	6 Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, or.
Analyst

000390

Approved Signatory

W. W. Walnut

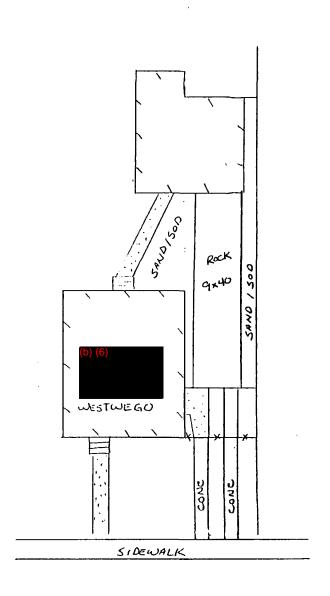
Disclaimers: PLM hee been known to miss esbeatos in a small percentage of samples which contain asbestos. Thus ner guaranteed, Floor tiles and wipse should be tested with either 86M or TEM. The above test report relates only to the ite only be reproduced in full with written approved by EMSL. The above test must not be used by the client to claim producing any epency of the United States Government. All TNVLAP\* reports with NVLAP logs must contain at teast one signs is not responsible for the occurrecy of results when requested to physiciatly assessment and marries are supposed samples.

~09-0048-570





By <u>PM</u> Date <u>6-3-97</u> Subject <u>Resforation</u> <u>5,45 \* 048</u> Sheet No. \_\_\_ of \_\_\_\_\_ Chkd. By \_\_\_ Date \_\_\_\_\_ Proj. No. \_\_\_\_\_\_



#### NOTE:

CONCRETE DRIVE STRIPS TO

# WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 2 SIGNATURE

R	ES	TO	RA	TIC	NC	FO	RM
•		, _					4 2 1 6 7

SITE# 648

	DATE	DATE	DATE	DATE	EST.	ACTUAL	ACT.
Į.		·			QTY.	QTY.	COMP
Rock Installation (sq.yds.)					40.∞		
Sod Installation (sq.yds.)					40,∞		
5" Concrete Installation (sq. yds.)							
1" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					40.00		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					12.00		
Sand (cu.yds.)					18.≌		
Concrete (cu.yds.)							
Plastic Edging (ft.)			·				
Walkway Rock Inst. (sq.yds.)							_
Tópsoil (cu.yds.)							
EXTRA							
	Site Ske	etch on E	lack of P	age			
COMMENTS:				······································			· <del></del> ;
·		·					·
		······································				····	
IT REPRESENTATIVE SIGNATU	IRE			·			<b>70</b> 0
SUB 1 SIGNATURE		<u>.                                    </u>				09-0048	-570

# WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9 17 198  SITE #: 48		ADDRESS: Westwego
ACM LOCATED BENEATH:	HOUSE SHED	
APPR. CRAWL SPACE HEIGHT:		<u>-</u>
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		=
SKETCH OR COMMENTS:		
No str		

09-0048-540

000393

TEAM MEMBERS: KJ 175

Tracking Number <u>849</u>

### FIELD DATA SHEET 1

Site Information:
Occupant: Same Interviewee:
Address: (b) (6)
Phone No.:
(b) (6)  (b) (6)  (c) (b) (6)  (d) (b) (6)
Site Description:
Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution:
3) Underground utilities installed by owner? (circle): water; gas; electric; cable TV; septic tank; other Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don Tknow  If yes, note on site sketch. How deep?
HOUSE SHED NORTH
(b) (6)
Estimated Volume of ACM:
Comments: Backfell: Cushed line store
Date/Time of Interview: 15:45 1114/96 Access Granted (circle): yes; no
Team Members: $\angle$ S

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:_	(b) (6)		
Property's Address:	(6)	Westwego	
State/Zip: La. 70094	Phone Number(s):_	(H) (b) (6)	(W) (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

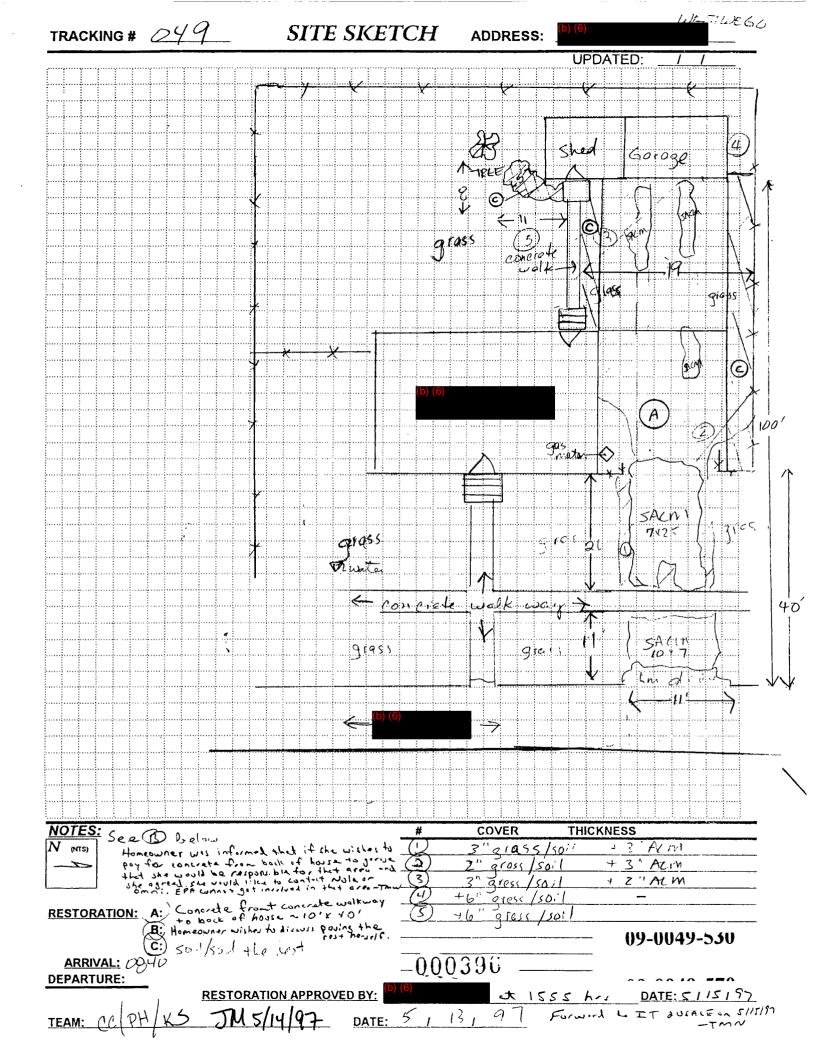
- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-16-96 DATE SIGNATURE

09-0049-520



### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FY	[:																								
SIT	E# _		Φ4	19			_						A	DDR.	ESS:		(6)								
																	We	stv	Ne	<u>90</u>	<u>, L</u>	<u> A</u>			
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ACM geo	Visi	b.k	121	et t	er e	.XC	ay	at	1.07	۸ الرما	hi	ahlic	gree (	d be	lov	1: 5	7		7					N,	
on	6-	<b>4</b> -9	97			ð	Ce	av.Q	P.BL		.,,	5		Shed		G	ara	ge.		*		M	 بم ع	597	۲
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<u>.</u>	w.Bs w.Bs	• •		: :	6 6							rivew Ve w					(3)		4	*					
<b>(A)</b>	WBS	Ø49	160	4	:	"/s	.زاه	\$0.i	L¥	ar	<b>1</b> )				I				1	4)					
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000397 AUTHORIZED EPA/START REPRESENTATIVE  $\_$ 

Barbara a Storey

### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION **USEPA START TEAM**

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AUTHORIZED EPA/START REPRESENTATIVE Bubara a Story

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Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Friday, June 06, 1997

Ref Number: TX972189

#### POLARIZED LIGHT MICROSCOPY (PLM)

#### Project: WESTBANK ASBESTOS / 020601-RAG1

			SAMPLE	ASBE	STOS		NONASB	ESTOS	
SAMPLE	LOCATION	APPEARANCE	TREA <b>TME</b> NT	%	TYPE	*	FIBROUS	%	NONFIBROUS
WB\$636G01	(b) (6)	Brown Non-Fibrous Hornogeneous	Teased	< 1% Chr < 1% Cro		f :		100%	6 Other
WB\$636G02		Brown Non-Fibrous Homogeneous	Teased	< 1% Chr	ysotile	:		100%	6 Other
WBS836G03)		Brown Non-Fibrous Homogeneous	Teased	: < 1% Chr	ysotile			1009	6 Other
WBS636G04		Brown Non-Fibrous	Teased	. < 1% Chr	ysotile			100%	6 Other
WB5049G01		Homogeneous  Brown Non-Fibrous Homogeneous	Teased	: < 1% Chr	ysotle	:		100%	6 Other
WBS049G02		_	Teased	: - < 1% Chi	rysotlie	; ;		1009	6 Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr. Analyst

Approved Signatory

Disclaimers, PLM has been known to miss appears in a small percentage of samples which contain aspectos. Thus negative PLM results cannot be guaranteed. Floor titles and wipes should be rested with either SEM or TEM. The above test report relates only to it only be reproduced in full with written approved by EMBL. The above test must not be used by the client to class nor any against of the United States Government, All TNVLAP" reports with NVLAP to poor must one tests it is not responsible for the accuracy of results when requested to physically separate and analyze leyered samp.

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Ben Mates, CA Seattle, WA Arm Arbor, MD 711-494-9635 415-570-8401 919-297-1487 313-063-0810 \$1\$-**367**-7251 212-299-0052 203-233-8007 NE-FE 1-0550

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Friday, June 06, 1997

Ref Number: TX972189

### POLARIZED LIGHT MICROSCOPY (PLM)

Project: WESTBANK ASBESTOS / 020601-RAG1

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBI %	SIOS TYPE	%	<u>NONASB</u> FIBROUS		IONFIBROUS
WB\$049G03	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	< 1% Ch	rysotile			100% (	Other
WBS049G04		Brown Non-Fibrous Homogeneous	Teased	< 1% Ch	rysotile			100% (	Other
WBS049G05		Brown Non-Fibrous Homogeneous	Dissolved	< 1% Ch	•	,		100% (	Other

Comment: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Herñandez, Jr.

**Analyst** 

Approved Signatory

Disclaimers: PLM has been known to miss expastos in a small percentage of samples which contain asbestos. Thus n guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to ti only be reproduced in full with written approval by EMSL. The above lest must not be used by the offent to claim pr nor any agency of the United States Government, All "NVLAP" reports with NVLAP togo must contain at least one is not responsible for the accuracy of results when requested to physically separate and analyze bayered samples

09-0049-570

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> SAND SOD SAND ONLY OWNER WILL POUR CONCRETE INSTALL & COMPACT SAND TO A 4" SUB GRADE FOR CONCRETE. CHAZ 6" CONC NESTWE60 10×54 SIDEWALK IN STAIL & COMPACT \_ SAND TO A 4" SUB GRADE

> > 09-0049-590

## WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

REST	TOR	ΛΤΙ	OM.	FO	Q N/
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SITE# 049

		DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.y	ds.)							
Sod Installation (sq.yd	's.').					48,50		
6" Concrete Installatio	n (sq. yds.)					62.00		
4" Concrete Installatio	nˈ(sq. yds.)							
Sand Installation (sq.y	ds.)					137.50		
Lower Lift Sand						62.00		
Rock, Brown (cu.yds.	) :							
Rock, Gray (cu.yds.)	· . !							
Sand (cu.yds.)			•		!	21.50		
Concrete (cu.yds.)	•							
Plastic Edging (ft.)	11.							
: Walkway Rock Inst. (s	q.yds.)							
Topsoil (cu.yds.)	t ' · ·							
EXTRA	· · · · · · · · · · · · · · · · · · ·							
		Site Ske	tch on B	Back of P	age			
COMMENTS:	) ' I							
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	: 							·····
IT REPRESENTATIV	/E SIGNATU	JRE						
SUB 1 SIGNATURE	<u>.</u>		•			·	09-0049-59	U

1 000402

SUB 2 SIGNATURE

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 917198 SITE #: 49	ADDRESS: WESTNESS
ACM LOCATED BENEATH:	HOUSE SHED
APPR. CRAWL SPACE HEIGHT:	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM)	
SKETCH OR COMMENTS:	
NO MAN	
TEAM MEMBERS:	() B 09-0049-540

#### FIELD DATA SHEET 1

Site Information:		(b) (6)		
Occupant:	In	terviewee:		
Address: (b) (6)	Westwegn	LA 70	0094	7.
Phone No.: (b) (6)	7	# ~~		
Owner Name, Address, and Phone No. if Diffe	erent Than Occupant:	- #50 leavi	access w ov by	
HAVE SOINT OWNERSHI		to prove	was by	the
Site Description:			12/19/94	
1) Description of property (circle): single he vacant house; vacant lot; other	ome; duplex; busin	ess;	ingrii ve	* **e
2) Problems accessing yards (circle): locked resolution:	gate; gate; dogs;	oth		
3) Underground utilities installed by owner? (c septic tank; other	ircle): no; water;	gas		
4) Is any underground ACM present? (circle): ( If yes, note on site sketch. How deep?	yes; no; don't kno	·		J
Estimated Volume of ACM: 1759. FOR Comments: 1219816 left access.	Carport Corc.	ACN	1: appmx1	X17
Date/Time of Interview: 1/11/97 /	500 Ac	cess Granted (circle):	yes;) no	
Team Members: RW/LT				
	0004		09-0050-510	)

FIELI	DATA SHEET 1
	Sample collected 3/13/97
Site Information:	Sample collected 5/13/97 0830 cc/PH/KS
Occupant: (b) (6)	Interviewee: (b) (6)
Address: (b) (6)	Wastweso, La
Phone No.:	
Owner Name, Address, and Phone No. if Different The	
	+ wife Sample collected
(b) (6)	is not ACM
Site Description:	
Description of property (circle): single home vacant house; vacant lot; other	duplex; busine:  No Renovel
Problems accessing yards (circle): locked gate;     resolution:	gate; dogs;
3) Underground utilities installed by owner? (circle): septic tank; other	no; water; 1 contacted (b) (6) on 5/23. Told him no Aem.
4) Is any underground ACM present? (circle): yes;  If yes, note on site sketch. How deep?	no; don't know
Site Sketch: East Street  ASPHALT	1
North XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	ACM 1'X17' BIWN ASPHALT  + CONCRETE
House	
(b) (6)	Washings
Estimated Volume of ACM:	
Comments: Concrete    frome in eveninge; a  mon. + Dues.	after 6 PM - sometimes home on
Date/Time of Interview: 11/18/94	Access Granted (circle): (yes;) no
Team Members: LT / TC	09-0050-510

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:

Property's Address:

State/Zip: La 70094 Phone Number(s):

I hereby consent to officers, employees, and parties authorized by the United States

Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;

    (Con cuttor)
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

(b) (6)
SIGNATURE

Greenshare NE Res Mates, CA <del>Маутаа,</del> (Д AMB Arber, MJ Pischlaway, NJ Carlo Place, NT Manhattan, IT 404-333-4000 \*819-297-1497 713 484 1636 416-578-5491 203-233-9007 313-883-8810 Z 13-200 0062 908-961-0640 514-497-7251



Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Wednesday, May 21, 1997

Ref Number: TX971834

### POLARIZED LIGHT MICROSCOPY (PLM)

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBE %	rall Emsl	l o
:WB5316 G01	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	< 1% Chry	CALL EMS 1 5/2197 Champe avor Champe avor On Master	colt
WB\$316 G02		Brown !Non-Fibrous Homogeneous	Teased	2% Chrysol < 1% Crocidol	Or was	Call
WB\$316 G03		Brown Non-Fibrous Homogeneous	Teased	< 1% Chrysotils < 1% Crocidolits		
WBS316 G04		Brown Non-Fibrous Homogeneous	Desco	2% Chrysotile < 1% Crocidolite		98% Other
<del>WD8030</del> GOT WBB050601		Grey Non-Fibrous : Homogeneous	Teased	None Detect	ed < 1% Cellulose	100% Other
WBS459 G01		Brown Non-Fibrous Homogeneous	Teased	< 1% Chrysotlle < 1% Crocidolite		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas Analyst

Approved Signatory

Disclaimners: PLM has been k, own to miss asbestos in a small percentage of samples which contain sebastos. Thus negative PLM results cannot be guaranteed. Floor tiles and will see should be listed with either SEM or TEM. The above less report relates only to the items (egied. This service only be reproduced in full with written approval by EMSL. This above test must not be used by the client to client. The negative PLM reports with NVLAP logic must contain at least on its not responsible for the acci. Sey of results when requested to physically separate and analyze tayered samples.

199-0050-570

### WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/17/98  SITE #: 500		ADDRESS: WYSTWCGO
ACM LOCATED BENEATH:	HOUSE SHED	
APPR. CRAWL SPACE HEIGHT:		=
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		=
SKETCH OR COMMENTS:		
	/	
	<u></u>	
	<u> </u>	
· Mix		
W,		
1,71	***************************************	
$\mathcal{L}$		
TO KOU		
/		

TEAM MEMBERS:

KS/B

09-0050-540